Document Title

Summary of the residues in or on treated products, food and feed for Methiocarb

Data Requirements

EU Regulation 1107/2009 & EU Regulation 283/2013
Document MCA
Section 6: Residues in or on treated products, food and feed

According to the guidance document, SANCO/10181/2013, for preparing dossiers for the approval of a chemical active substance

Date

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Author(s)

[redacted]

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Version history

Date	Data points containing amendments or additions[1] and brief description	Document identifier and version number
2015-12-14	Orginal document	M-542241-01-1
2017-08-01	- Revised document considering an amended version of report M-480441-03-1, named M-480441-05-1, where concurrent recoveries for methiocarb were corrected. Moreover, the previous version of the dossier was updated by correcting the recoveries in oilseed rape for methiocarb sulfoxide, - sulfone, -phenol, -sulfoxide phenol and sulfone phenol in Tables 6.1-9 to 6.1-13 (see p. 29 ff). - Revised document: phase report on freezer storage stability for 18 months was replaced by final report M-530156-02-1 about freezer storage stability for 24 months. All changes are labelled in yellow.	M-542241-02-1

[1] It is suggested that applicants adopt a similar approach to showing revisions and version history as outlined in SANCO/10180/2013 Chapter 4 How to revise an Assessment Report

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Table of Contents

Page
CA 6 RESIDUES IN OR ON TREATED PRODUCTS, FOOD AND FEED 6
CA 6.1 Storage stability of residues 6
CA 6.2 Metabolism, distribution and expression of residues 40
CA 6.2.1 Metabolism, distribution and expression of residues in plants 40
CA 6.2.2 Poultry 43
CA 6.2.3 Lactating ruminants 44
CA 6.2.4 Pigs 46
CA 6.2.5 Fish 46
CA 6.3 Magnitude of residue trials in plants 47
CA 6.3.1 winter rape 48
CA 6.3.2 summer rape 48
CA 6.3.3 sunflower 48
Representative use 49
CA 6.3.4 Maize - application to seeds (FS 500) 49
Further residue trials needed for evaluation of rotational crop residues and/or to support the derivation of a residue definition 63
Application to seeds (FS 500) 63
Rape 63
Application to soil (granular applications of methiocarb RB4) 69
Strawberries 69
Potato 75
Tomato 80
Cauliflower 83
Cabbage 87
Lettuce 92
Globe artichokes 98
Rape 101
Wheat 108
Sugar beet 120
Foliar spray applications (methiocarb SC 500, SC 200) 132
Grapes 132
Onion 141
Leek 153
CA 6.4 Feeding studies 161
CA 6.4.1 Poultry 164
CA 6.4.2 Ruminants 164
CA 6.4.3 Pigs 164
CA 6.4.4 Fish 164
CA 6.5 Effects of processing 164
CA 6.5.1 Nature of the residue 164
CA 6.5.2 Distribution of the residue in inedible peel and pulp 164
CA 6.5.3 Magnitude of residues in processed commodities 165
CA 6.6 Residues in rotational crops 165
CA 6.6.1 Metabolism in rotational crops 165
CA 6.6.2 Magnitude of residues in rotational crops 165
CA 6.7 Proposed residue definitions and maximum residue levels 171

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CA 6.7.1 Proposed residue definitions 171
CA 6.7.2 Proposed maximum residue levels (MRLs) and justification of the acceptability of the levels proposed 174
CA 6.7.3 Proposed maximum residue levels (MRLs) and justification of the acceptability of the levels proposed for imported products (import tolerance) 175
CA 6.8 Proposed safety intervals 175
CA 6.9 Estimation of the potential and actual exposure through diet and other sources 175
CA 6.10 Other studies 178
CA 6.10.1 Effect on the residue level in pollen and bee products 179

Appendix 1 Tier 1 summaries 180

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CA 6 RESIDUES IN OR ON TREATED PRODUCTS, FOOD AND FEED

INTRODUCTION

Methiocarb is an insecticide and repellent active substance and was included into Annex I of Directive 91/414 on 1st October 2007 (Directive 2007/5/EC).

This Supplementary Dossier contains only data which were not submitted at the time of the Annex I inclusion of methiocarb under Directive 91/414/EEC and which were therefore not evaluated during the first EU review. All data which were already submitted by Bayer CropScience (BCS) for the Annex I inclusion under Directive 91/414/EEC are contained in the DAR, its Addenda and are included in the Baseline Dossier provided by BCS. These data are only mentioned in the Supplementary Dossier for the sake of completeness and only general information (e.g. author, reference etc.) is available for these data. In order to facilitate discrimination between new data and data submitted during the Annex I inclusion process under Directive 91/414/EEC, the old data are written in grey typeface. For all new studies, detailed summaries are provided within this Supplementary Dossier.

CA 6.1 Storage stability of residues

Report:	KCA 6.1/01[redacted]; 2002; M-069796-01-1
Title:	Storage stability of methiocarb, methiocarb-sulfoxide and methiocarb-sulfone in/on canola (seed), grapes (bunch or grapes), potato (tuber) and field pea (seed) during freezer storage for 24 months
Report No.:	MR-451/01
Document No.:	M-069796-01-1
Guideline(s):	EU Council Directive 91/414/EEC amended by the Commission directive 96/68/EC US EPA Residue Chemistry Test Guidelines OPPTS 860.1380: Storage Stability Data
Guideline deviation(s):	none
GLP/GEP:	**yes**

A storage stability study including matrices of grape, pea, potato and canola seed was submitted within the Annex I inclusion process and found to be acceptable. Residues of methiocarb, methiocarb sulfoxide and methiocarb sulfone were found to be stable upto 24 months when stored at -18°C in grape, pea, potato and canola seed (EFSA Scientific Report (2006) 79, 1-82).

A storage stability study was performed with strawberry fruit, lettuce head, wheat grain, bean dry seed, and rape seed investigating the storage stability of methiocarb phenol metabolites (methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol):

~~**Report:**~~	~~KCA 6.1/02;~~ [redacted]~~; 2015; M-530156-01-1~~
~~Title:~~	~~Storage stability of methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol in plant matrices for 24 months (Phase Report after 18 Months)~~
~~Report No.:~~	~~MR-15/119~~
~~Document No.:~~	~~M-530156-01-1~~
~~Guideline(s):~~	~~OECD Guidelines for the Testing of Chemicals. Stability of Pesticide Residues in Stored Commodities. 506. 2007-10-16~~ ~~US EPA OCSPP 860.1380, Storage Stability Data~~
~~Guideline deviation(s):~~	~~not specified~~
~~**GLP/GEP:**~~	~~**yes**~~

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Report:	KCA 6.1/02[redacted]; 2016; M-530156-02-1
Title:	Storage stability of methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol in plant matrices for 24 months
Report No.:	MR-13/160
Document No.:	M-530156-02-1
Guideline(s):	OECD Guidelines for the Testing of Chemicals. Stability of Pesticide Residues in Stored Commodities. 506. 2007-10-16 US EPA OCSPP 860.1380, Storage Stability Data
Guideline deviation(s):	none
GLP/GEP:	**yes**

I. Materials and Methods

To determine the freezer storage stability of the relevant phenol metabolites of methiocarb (methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol) in plant materials, individual 10-g control samples of strawberry fruit (high acid content), lettuce head (high water content), wheat grain (high starch content), bean dry seed (high protein content), and rape seed (high oil content), were separately spiked at a level of 0.1 mg/kg of either methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol expressed as methiocarb equivalents.
Except for the day-0 analysis, samples were stored in in a freezer at -18 or below. For day-0 analysis, five treated samples of each material were analysed, as well as two control sample of each material. In addition, two recoveries spiked at the respective LOQ level and two recoveries spiked at the respective 10-fold LOQ level were performed.
Samples were then also analysed after nominal intervals of 30, 90, 180, 360, 540 and 720 days. At each storage time three fortified and three control samples of each tested plant material were removed from the deep-freezer and allowed to reach room temperature. Subsequently, two of the control samples of each sample material were fortified with the test items to determine the concurrent recoveries. The samples were extracted and analyzed concurrently with the third control sample and the spiked storage samples.
In order to assess the accuracy of the residue analyses, concurrent recoveries were determined by analyzing freshly fortified samples alongside with the stored fortified samples. At all storage intervals concurrent recoveries were determined at the 10-fold LOQ level (0.10 mg/kg). At the day 0 storage interval further concurrent recoveries were determined at the LOQ level (0.01 mg/kg).

The phenol metabolites of methiocarb were analysed using analytical method 01336 ([redacted]カ; [redacted]; 2013; M-468043-01-1; CA 4.1.2), which was validated prior to and in parallel to the residue analysis of the samples. The LOQ was 0.01 mg/kg for phenol metabolites of methiocarb, expressed as methiocarb.

II. Findings

The mean values of the concurrent recovery rates per compound and sample material were in the range of 70-110%, with only two exceptions (115 and 122%) which are acceptable since the majority of mean recoveries is within the acceptable range. Details of recovery data are shown in table 6.1-6.

Methiocarb sulfoxide phenol and methiocarb sulfone phenol were stable in all 5 matrices during the storage period of 24 months. Methiocarb phenol was found to be stable for 24 months in/on strawberry fruit, lettuce head and bean dry seed.
In wheat grain and rape seed the level of methiocarb phenol decreased during storage. In wheat grain the residue level of methiocarb phenol decreased from 77% on day 0 to 0% on day 713 (Table 6.1-1). In parallel, the residue level of methiocarb sulfoxide phenol increased from 10% to 59% (Table 6.1-4).

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The sum of methiocarb phenol and methiocarb sulfoxide phenol was 87% at day 0 and 59% at day 713.
In rape seed the residue level of methiocarb phenol decreased from 80% on day 0 to 58% on day 713 (Table 6.1-1). In parallel, the residue level of methiocarb sulfoxide phenol increased from 2% to 22% (Table 6.1-5). The sum of methiocarb phenol and methiocarb sulfoxide phenol was 82% at day 0 and 80% at day 713 (Figures 6.1-1 and 6.1-2).
The results show that methiocarb phenol is nearly quantitatively converted to methiocarb sulfoxide phenol in both matrices during deep freezer storage.

All storage stability results are summarised below in Tables 6.1-1 to 6.1-5.

III. Conclusions

During a storage period of 24 months under deep-freezer conditions, methiocarb sulfoxide phenol and methiocarb sulfone phenol are considered as stable in all 5 matrices. Methiocarb phenol was stable in/on strawberry fruit; lettuce head and bean dry seed. In rape seeds and wheat grain methiocarb phenol was converted to methiocarb sulfoxide phenol. As both compounds, methiocarb phenol and methiocarb sulfoxide phenol, are covered by the analytical method, the transformation of methiocarb phenol to methiocarb sulfoxide phenol does not result in a loss of methiocarb derived residues and, therefore, has no influence on the total amount of residues in the samples from the residue trials.

The results from the storage stability study validate the residue data from supervised field trials for the phenol metabolites in matrices of high acid, high water, high protein, high starch and high oil content with respect to storage stability of samples frozen prior to analysis.

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Table 6.1-1: Summary of stability data for deep-frozen samples fortified with **methiocarb phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Strawberry fruit	0	0.105 0.107 0.105 0.103 0.105	105 107 105 103 105	105	100	108	98
	29	0.0955 0.097 0.101	96 97 101	98	93	95	103
	91	0.0841 0.086 0.0818	84 86 82	84	80	87	97
	175	0.107 0.115 0.945	107 115 95	106	101	92	115
	358	0.0794 0.0805 0.083	80 81 83	81	77	90	91
	533	0.0786 0.0782 0.08	79 78 80	79	75	93	85
	714	0.088 0.089 0.090	88 89 90	89	85	93	96
Lettuce head	0	0.098 0.094 0.099 0.099 0.094	98 94 99 99 94	97	100	102	95
	28	0.0885 0.0875 0.0925	89 88 93	90	93	91	99
	90	0.0833 0.0854 0.0819	83 86 82	84	86	93	90
	174	0.0866 0.0839 0.0854	87 84 86	86	88	97	89
	357	0.081 0.085 0.086	81 85 86	84	87	90	94
	731	0.0929 0.0985 0.0925	93 99 93	95	98	87	110
	713	0.095 0.088 0.086	95 88 86	90	93	94	96

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Table 6.1-1 continued: Summary of stability data for deep-frozen samples fortified with **methiocarb phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Wheat grain	0	0.0745 0.075 0.077 0.077 0.0785	75 75 77 77 79	77	100	91	84
	28	0.0175 0.0215 0.0225	18 22 23	21	34	95	32
	60	0.0179 0.0208 0.029	18 21 29	23	30	105	23
	89	0.0077 0.012 0.0088	8 12 9	10	13	87	11
	174	0.00117 0.00394 0.000799	2 4 8	5	6	100	5
	356	0.002 0.002 0.001	2 2 1	1.7	2	85	2
	530	0.00464 0.00169 0.00169	4 2 2	3	4	94	3
	713	0 0 0	0	0	0	92	0
Bean dry seed	0	0.0844 0.0852 0.0875 0.0852 0.0867	85 85 88 85 87	86	100	94	92
	29	0.0882 0.0875 0.089	89 88 89	89	103	100	89
	86	0.0784 0.0829 0.0813	79 84 82	82	95	94	87
	170	0.0923 0.0943 0.0948	92 94 95	94	109	85	111
	353	0.078 0.077 0.08	78 77 80	78	91	89	88
	532	0.0898 0.0856 0.0857	90 86 86	87	102	97	91
	710	0.079 0.073 0.068	79 73 68	73	85	96	77

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Table 6.1-1 continued: Summary of stability data for deep-frozen samples fortified with **methiocarb phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Rape seed	0	0.0815 0.079 0.078 0.08 0.079	82 79 78 80 79	80	100	82	98
	29	0.0795 0.081 0.081	80 81 81	81	101	95	85
	86	0.0751 0.0759 0.0739	75 76 74	75	94	90	84
	170	0.0876 0.0762 0.072	88 76 72	79	99	75	106
	352	0.052 0.0522 0.0507	52 52 51	52	65	73	71
	531	0.0487 0.0546 0.0611	49 55 61	55	69	110	50
	713	0.051 0.068 0.056	51 68 56	58	73	74	79

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used.
[a] Normalized Recovery = (Average recovery / average recovery at day 0) X 100%
[b] Corrected percent recovery = (Average % recovery (stored) / Average of fresh concurrent recoveries) X 100%

Table 6.1-2: Summary of stability data for deep-frozen samples fortified with **methiocarb sulfoxide phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Strawberry fruit	0	0.103 0.102 0.102 0.102 0.102	103 102 102 102 102	102	100	101	101
	29	0.0963 0.108 0.110	97 108 110	105	103	104	101
	91	0.103 0.0942 0.0978	103 95 98	99	97	103	96
	175	0.0873 0.091 0.0918	87 91 92	90	88	109	83
	358	0.0913 0.089 0.0852	92 90 85	89	87	95	94
	533	0.0871 0.0912 0.0916	88 92 92	91	89	91	100
	714	0.097 0.095 0.095	97 95 95	96	94	105	92

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Table 6.1-2 continued: Summary of stability data for deep-frozen samples fortified with **methiocarb sulfoxide phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
Lettuce head	0	0.0955 0.097 0.0955 0.101 0.0995	96 97 100 101 100	99	100	101	98
	28	0.0995 0.104 0.099	100 104 99	101	102	122	83
	90	0.0866 0.0851 0.0892	87 85 90	87	88	93	94
	174	0.0927 0.0903 0.0922	93 91 92	92	93	95	97
	357	0.0855 0.0925 0.0915	86 93 92	90	91	98	92
	531	0.0922 0.0922 0.0938	92 93 94	93	94	90	104
	713	0.093 0.094 0.094	93 94 94	94	95	105	90
Wheat grain	0	0.0975 0.0985 0.099 0.099 0.099	98 99 99 99 99	99	100	98	101
	28	0.092 0.0985 0.099	92 99 99	97	98	103	94
	60	0.104 0.104 0.103	104 105 103	104	105	101	103
	89	0.0983 0.094 0.0929	99 94 93	95	96	91	105
	174	0.0961 0.0943 0.0909	97 95 91	94	95	108	88
	356	0.0855 0.085 0.083	86 85 83	85	86	102	83
	530	0.0854 0.0831 0.0834	86 83 84	84	85	99	85
	713	0.083 0.086 0.086	83 86 86	85	86	98	87

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Table 6.1-2 continued: Summary of stability data for deep-frozen samples fortified with **methiocarb sulfoxide phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
Bean dry seed	0	0.0843 0.0832 0.0839 0.0839 0.0866	85 83 84 84 87	85	100	94	90
	29	0.088 0.0965 0.0935	88 97 94	93	110	108	86
	86	0.087 0.0907 0.0895	87 91 90	89	106	91	98
	170	0.109 0.0933 0.103	110 93 103	102	121	84	121
	353	0.0845 0.0845 0.0855	85 85 86	85	101	95	90
	532	0.0909 0.0897 0.0872	91 90 87	89	106	95	95
	710	0.090 0.093 0.094	90 93 94	92	109	95	97
Rape seed	0	0.084 0.0875 0.0865 0.083 0.084	84 88 87 83 84	85	100	91	94
	29	0.0865 0.0895 0.0865	87 90 87	88	103	96	92
	86	0.0885 0.0921 0.0936	89 92 94	92	108	92	100
	170	0.0833 0.0846 0.0848	84 83 85	84	99	103	82
	352	0.0904 0.105 0.0994	90 105 100	98	115	99	99
	531	0.0821 0.0841 0.0833	82 84 84	83	98	98	85
	713	0.085 0.089 0.088	85 89 88	87	103	102	86

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used.

[a] Normalized Recovery = (Average recovery / average recovery at day 0) X 100%

[b] Corrected percent recovery = (Average % recovery (stored) / Average of fresh concurrent recoveries) X 100%

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Table 6.1-3: Summary of stability data for deep-frozen samples fortified with **methiocarb sulfone phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Strawberry fruit	0	0.0995 0.101 0.100 0.102 0.101	100 101 100 102 101	101	100	108	94
	29	0.0955 0.0955 0.0985	96 96 99	97	96	101	97
	91	0.0744 0.0791 0.0759	75 79 76	77	76	85	91
	175	0.0901 0.101 0.0943	90 101 95	95	95	107	89
	358	0.0861 0.0866 0.0896	87 87 90	88	87	91	96
	533	0.0887 0.0891 0.0897	89 90 90	90	89	89	101
	714	0.095 0.096 0.107	95 96 107	99	99	97	102
Lettuce head	0	0.1 0.101 0.101 0.0955 0.1	100 101 101 100 100	100	100	99	102
	28	0.093 0.0945 0.0925	93 95 93	94	93	101	93
	90	0.094 0.0935 0.0936	95 94 94	94	94	99	95
	174	0.0901 0.0942 0.104	90 95 104	96	96	100	97
	357	0.106 0.113 0.11	106 113 110	110	109	90	122
	531	0.104 0.104 0.103	105 105 103	104	104	89	118
	713	0.084 0.090 0.071	84 90 71	82	81	87	94

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Table 6.1-3 continued: Summary of stability data for deep-frozen samples fortified with **methiocarb sulfone phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
Wheat grain	0	0.096 0.096 0.097 0.0915 0.092	96 96 97 92 92	95	100	97	98
	28	0.097 0.089 0.093	97 89 93	93	98	95	98
	60	0.0932 0.0981 0.0917	94 98 92	95	100	100	95
	89	0.0869 0.0878 0.0858	87 88 86	87	92	91	96
	174	0.0834 0.0824 0.0923	83 83 93	86	91	104	83
	356	0.078 0.0795 0.079	78 80 79	79	84	89	89
	530	0.0884 0.0922 0.0932	89 93 93	92	97	99	93
	713	0.101 0.094 0.102	101 94 102	99	105	98	102
Bean dry seed	0	0.0881 0.0836 0.0846 0.0832 0.089	88 84 85 84 89	86	100	91	94
	29	0.087 0.097 0.099	87 97 99	94	110	97	98
	86	0.0856 0.0930 0.091	86 94 91	90	105	99	92
	170	0.096 0.0997 0.102	96 100 103	100	116	72	138
	353	0.083 0.0805 0.084	83 81 84	83	96	82	101
	532	0.0967 0.0939 0.108	97 94 108	100	116	102	98
	710	0.101 0.115 0.110	101 115 110	109	126	100	109

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Table 6.1-3 continued: Summary of stability data for deep-frozen samples fortified with **methiocarb sulfone phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
Rape seed	0	0.0825 0.085 0.08 0.082 0.085	83 85 80 82 85	83	100	97	86
	29	0.103 0.107 0.112	103 107 112	107	129	115	94
	86	0.0908 0.0867 0.0872	91 87 87	88	106	105	84
	170	0.0848 0.0827 0.0828	85 83 83	84	101	100	84
	352	0.0972 0.0876 0.085	98 88 85	90	109	96	94
	531	0.105 0.0978 0.108	105 98 109	104	125	101	103
	713	0.101 0.098 0.089	101 98 89	96	116	101	96

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used.

[a] Normalized Recovery = (Average recovery / average recovery at day 0) X 100%

[b] Corrected percent recovery = (Average % recovery (stored) / Average of fresh concurrent recoveries) X 100%

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Table 6.1-4: Recovery data for methiocarb sulfoxide phenol in methiocarb phenol spiked wheat grain samples

Matrix	Storage Period [days]	Residue Level in Stored Samples			
		mg/kg [ppm]	% of nominal spiking level	Average % recovery	RSD [%]
Wheat grain	Methiocarb phenol sulfoxide in methocarb phenol spiked samples				
	0	0.009 0.009 0.01 0.0095 0.01	9 9 10 10 10	10	5.71
	28	0.048 0.046 0.046	48 48 46	47	2.44
	60	0.0562 0.057 0.0493	56 57 49	54	8.07
	89	0.0561 0.0562 0.0574	56 56 58	57	2.04
	174	0.0611 0.065 0.0594	61 65 59	62	4.95
	356	0.056 0.0545 0.0535	56 55 54	55	1.82
	530	0.0584 0.0567 0.0603	59 57 61	59	3.39
	713	0.061 0.058 0.058	61 58 58	59	1.97

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used. RSD: Relative Standard Deviation

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Table 6.1-5: Recovery data for methiocarb sulfoxide phenol in methiocarb phenol spiked rape seed

Matrix	Storage Period [days]	Residue Level in Stored Samples			
		mg/kg [ppm]	% of nominal spiking level	Average % recovery	RSD [%]
Rape seed	**Methiocarb sulfoxide phenol in methiocarb spiked sample**				
	0	0.002 0.002 0.0015 0.001 0.002	2 2 2 1 2	2	24.85
	29	0.0045 0.004 0.004	5 4 4	4	13.32
	86	0.00936 0.00977 0.0105	10 10 11	10	5.59
	170	0.0148 0.0139 0.0131	15 14 13	14	7.14
	352	0.022 0.019 0.0222	22 19 22	21	8.25
	531	0.0223 0.024 0.0223	22 24 23	23	4.35
	713	0.026 0.017 0.022	26 17 22	22	20.81

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used. RSD: Relative Standard Deviation

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Figure 6.1-1: Rape seed spiked with methiocarb phenol. Recovery of methiocarb phenol, methiocarb sulfoxide and the sum of both analytes (given in % of methiocarb phenol spiked) vs. storage period

Figure 6.1-2: Wheat grain spiked with methiocarb phenol. Recovery of methiocarb phenol, methiocarb sulfoxide and the sum of both analytes (given in % of methiocarb phenol spiked) vs. storage period

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Table 6.1-6: Recovery data for the phenol metabolites of methiocarb in various plant matrices

Sample Material	a.s./ metabolite	Storage Interval [d]		Concurrent Recoveries [%]		
				0.01 mg/kg fort. level	0.10 mg/kg fort. level	Mean
		nominal	actual	Single Values	Single Values	
Strawberry fruit	methiocarb phenol	0	0	105, 102	111, 112	108
		30	29	--	95, 95	95
		90	91	--	88, 85	87
		180	175	--	93, 91	92
		360	358	--	90, 89	90
		540	533	--	93, 92	93
		720	714	--	92, 102	97
	methiocarb sulfoxide phenol	0	0	100, 101	102, 102	101
		30	29	--	112, 90	104
		90	91	--	102, 104	103
		180	175	--	107, 110	109
		360	358	--	94, 95	95
		540	533	--	92, 90	91
		720	714	--	104, 105	105
	methiocarb sulfone phenol	0	0	106, 105	110, 109	108
		30	29	--	103, 98	101
		90	91	--	85, 84	85
		180	175	--	111, 103	107
		360	358	--	93, 88	91
		540	533	--	86, 91	89
		720	714	--	92, 102	97
Lettuce head	methiocarb phenol	0	0	99, 108	98, 102	102
		30	28	--	90, 91	91
		90	90	--	92, 93	93
		180	174	--	90, 103	97
		360	357	--	89, 90	90
		540	531	--	85, 88	87
		720	713	--	97, 90	94
	methiocarb sulfoxide phenol	0	0	103, 105	97, 100	101
		30	28	--	122, 121	122*
		90	90	--	94, 92	93
		180	174	--	93, 96	95
		360	357	--	103, 93	98
		540	531	--	86, 93	90
		720	713	--	105, 104	105
	methiocarb sulfone phenol	0	0	99, 103	96, 97	99
		30	28	--	101, 101	101
		90	90	--	98, 100	99
		180	174	--	100, 99	100
		360	357	--	85, 95	90
		540	531	--	86, 91	89
		720	713	--	97, 76	87

*Mean is out of the range of 70%-110%. Due to the fact that all other recoveries are well inside the range of 70%-110% these recoveries are acceptable.

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Table 6.1.6 continued: Recovery data for the phenol metabolites of methiocarb in various plant matrices

Sample Material	a.s./ metabolite	Storage Interval [d]		Concurrent Recoveries [%]		
				0.01 mg/kg fort. level	0.10 mg/kg fort. level	Mean
Wheat grain	methiocarb phenol	0	0	94,96	89, 84	91
		30	28	--	97, 93	95
		60	60	--	100, 101	101
		90	89	--	84, 90	87
		180	174	--	96, 103	100
		360	356	--	88, 87	88
		540	530	--	94, 93	94
		720	713	--	91, 93	92
	methiocarb sulfoxide phenol	0	0	95, 104	99, 95	98
		30	28	--	100, 99	100
		60	60	--	100, 101	101
		90	89	--	88, 93	91
		180	174	--	107, 108	108
		360	356	--	103, 100	102
		540	530	--	99, 99	99
		720	713	--	96, 99	98
	methiocarb sulfone phenol	0	0	96, 100	98, 95	97
		30	28	--	95, 94	95
		60	60	--	103, 97	100
		90	89	--	88, 94	91
		180	174	--	104, 104	104
		360	356	--	87, 90	89
		540	530	--	98, 100	99
		720	713	--	95, 100	98
Bean dry seed	methiocarb phenol	0	0	92, 98	92, 93	94
		30	29	--	100, 99	100
		90	86	--	93, 94	94
		180	170	--	84, 85	85
		360	353	--	90, 88	89
		540	532	--	97, 96	97
		720	710	--	93, 98	96
	methiocarb sulfoxide phenol	0	0	88, 101	95, 91	94
		30	29	--	106, 110	108
		90	86	--	90, 92	91
		180	170	--	85, 83	84
		360	353	--	99, 91	95
		540	532	--	97, 92	95
		720	710	--	92, 98	95
	methiocarb sulfone phenol	0	0	85, 98	93, 89	91
		30	29	--	100, 93	97
		90	86	--	98, 99	99
		180	170	--	73, 71	72
		360	353	--	80, 84	82
		540	532	--	103, 101	102
		720	710	--	97, 103	100

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used.

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Table 6.1.6 continued: Recovery data for the phenol metabolites of methiocarb in various plant matrices

Sample Material	a.s./ metabolite	Storage Interval [d]		Concurrent Recoveries [%]		
				0.01 mg/kg fort. level	0.10 mg/kg fort. level	Mean
Rape seed	methiocarb phenol	0	0	91, 80	80, 85	82
		30	29	--	95, 95	95
		90	86	--	89, 90	90
		180	170	--	70, 79	75
		360	352	--	72, 74	73
		540	531	--	108, 111	110
		720	713	--	84, 63	74
	methiocarb sulfoxide phenol	0	0	92, 98	86, 87	91
		30	29	--	96, 95	96
		90	86	--	91, 92	92
		180	170	--	112, 94	103
		360	352	--	104, 94	99
		540	531	--	99, 97	98
		720	713	--	104, 99	102
	methiocarb sulfone phenol	0	0	96, 96	99, 96	97
		30	29	--	119, 110	115*
		90	86	--	107, 103	105
		180	170	--	115, 85	100
		360	352	--	98, 94	96
		540	531	--	98, 103	101
		720	713	--	112, 89	101

Mean values were calculated with unrounded values. Therefore minor deviations may occur when the values given in the table are used.

*Mean is out of the range of 70%-110%. Due to the fact that all other recoveries are well inside the range of 70%-110% these recoveries are acceptable.

Storage periods of samples from the residue trials

In the following table the storage periods are summarized for the different sample materials of the residue studies presented within this dossier. In this table the maximum storage period for each sample material from each report is listed; the overall maximum storage period for the sample material is labelled in bold. The maximum storage period refers to the maximum storage time between date of sampling and date of last extraction which is relevant for all analytes of the residue definition under discussion (sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol expressed as methiocarb) within one sample material.
The re-analysis of samples for unconjugated phenol metabolites was performed after the finalistion of the residue studies. The maximum storage periods of these samples are included in Table 6.1-7.

The storage periods of the methiocarb derived residues in the samples of the residue studies up to about 720 days (24 months) can be considered covered by the 24 months storage stability study available for phenol metabolites and by the 24 months storage stability study for methiocarb, methiocarb sulfoxide and methiocarb sulfone. ~~The storage period of a few re-analysed samples stored for more than 540 days will be covered when the 24 months storage stability study for the phenol metabolites is finalised.~~

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Table 6.1-7: Summary of maximum storage periods of sample materials relevant to this submission

Crop	Sample material	Reference	Study	Maximum storage period (days)
Maize	seed for sowing	M-486999-01-1	12-2083	**549**
		M-489655-01-1	13-2050	261
		M-492316-01-1	13-2051	275
	kernel immature	M-486999-01-1	12-2083	**439**
		M-489655-01-1	13-2050	153
		M-492316-01-1	13-2051	182
	ear without husk	M-486999-01-1	12-2083	**467**
		M-489655-01-1	13-2050	170
		M-492316-01-1	13-2051	192
	green material	M-486999-01-1	12-2083	**429**
		M-489655-01-1	13-2050	133
		M-492316-01-1	13-2051	170
	kernel	M-486999-01-1	12-2083	**392**
		M-489655-01-1	13-2050	112
		M-492316-01-1	13-2051	141
Rape	seed	M-509043-01-1	13-2079	145
		M-509040-01-1	13-2080	165
		M-471157-01-1	12-2108	239
		M-514175-01-1	13-2064	523
		M-471170-01-1	12-2140	279
		M-513335-02-1	13-2065	**574**
	treated seed	M-509043-01-1	13-2079	**441**
		M-509040-01-1	13-2080	418
Strawberry	fruit	M-468468-01-1	12-2091	287
		M-467820-01-1	12-2092	328
		M-467817-01-1	12-2093	**339**
Potato	tuber	M-469785-01-1	12-2097	260
		M-469083-01-1	12-2098	**314**
Tomato	fruit	M-469663-01-1	12-2099	**362**
Cauliflower	curd	M-471192-01-1	12-2087	356
		M-471232-01-1	12-2088	**393**
Cabbage	head	M-474255-01-1	12-2089	376
		M-469779-01-1	12-2090	**379**
Lettuce	head	M-471229-01-1	12-2095	258
		M-479653-01-1	12-2094	173
		M-471204-01-1	12-2096	**290**
Globe artichoke	flower head	M-471223-01-1	12-2106	**449**
Wheat	grain	M-478851-01-1	12-2104	405
		M-496098-01-1	13-2066	187
		M-481331-01-1	12-2105	**408**
		M-496096-01-1	13-2067	145
	straw	M-478851-01-1	12-2104	378/**650***/739**
		M-496098-01-1	13-2066	271/368**
		M-481331-01-1	12-2105	434/**680***/769**
		M-496096-01-1	13-2067	320
	green material	M-478851-01-1	12-2104	-
		M-496098-01-1	13-2066	194
		M-481331-01-1	12-2105	-
		M-496096-01-1	13-2067	**197**
Sugar beet	body	M-471810-01-1	12-2102	377
		M-512244-01-1	13-2073	481
		M-512268-01-1	13-2074	**575**
		M-512244-01-1	12-2103	462
	leaf with root collar	M-471810-01-1	12-2102	377
		M-512244-01-1	13-2073	481
		M-512268-01-1	13-2074	**576**
		M-512244-01-1	12-2103	462/711**

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Crop	Sample material	Reference	Study	Maximum storage period (days)
Grapes	bunch of grapes	M-469070-01-1 M-499804-01-1	12-2082 13-2049	305/747** **356**/358**
	berry	M-469070-01-1 M-499804-01-1	12-2082 13-2049	305 **356**
Onion	bulb	M-469195-01-1 M-499819-01-1 M-468641-01-1 M-499828-01-1	12-2079 13-2046 12-2078 13-2045	371 220 **426** 220
Leek	whole plant without root	M-471778-01-1 M-478307-01-1	12-2080 12-2081	348 **353**

* re-analysis of straw samples validating an LOQ of 0.01mg/kg within study MR-14/070 ([redacted]; 2014; M-504075-01-1)
** re-analysis of samples for the presence of unconjugated phenol metabolites ([redacted]; 2014; M-504785-01-1)

Short-term storage stability study supporting the validity of residue results generated for samples stored at exaggerated temperature

A short-term storage stability study was performed for a high number of analytes including methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide methiocarb phenol and methiocarb sulfone phenol. The study was initiated to evaluate the stability of the analytes after storage for a period of 8 hours at +1°C following 7 days at -7°C on the 5 matrix groups (high water, high acid, high starch, high protein and high oil content) represented for methiocarb residues by tomato (fruit), wheat (green material), grape (bunches), wheat (grain), potato (tuber), peas (dry peas) and oilseed rape (seeds).

~~**Report:**~~ ~~KCA 6.1/03; [redacted]; 2015; M-480441-03-1~~
~~Title:~~ ~~7 Days freezer storage stability study with different combinations of a total of 61 analytes (parent and metabolite molecules) and five matrix types (high water / acidic / starch / protein / oil) - Final report~~
~~Report No.:~~ ~~S13-03307~~
~~Document No.:~~ ~~M-480441-03-1~~
~~Guideline(s):~~ ~~Commission Regulation (EU) No 544/2011 of 10 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the data requirements for active substances US EPA Residue Chemistry Test Guideline OPPTS 860.1380: Storage Stability Data OECD Test Guideline 506, adopted 16 October 2007~~
~~Guideline deviation(s):~~ ~~not specified~~
~~**GLP/GEP:**~~ ~~**yes**~~

Report: KCA 6.1/03 [redacted]; 2016; M-480441-05-1
Title: Amendment no. 2 to report S13-03307 - 7 Days freezer storage stability study with different combinations of a total of 61 analytes (parent and metabolite molecules) and five matrix types (high water / acidic / starch / protein / oil) - Final report
Report No.: S13-03307
Document No.: M-480441-05-1
Guideline(s): Commission Regulation (EU) No 544/2011 of 10 June 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the data requirements for active substances US EPA Residue Chemistry Test Guideline OPPTS 860.1380: Storage Stability Data OECD Test Guideline 506, adopted 16 October 2007
Guideline deviation(s): see report
GLP/GEP: **yes**

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I. Materials and Methods

To determine the storage stability (storage at ±1°C for eight hours followed by a storage at -7°C for seven days) of a high number of analytes amongst others methiocarb and its metabolites (methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol) in plant materials, individual 5-g control samples of tomato fruit and wheat green materials (high water content), bunches of grapes (high acid content), wheat grain and potato tuber (high starch content), dry pea (high protein content), and rape seed (high oil content), were separately spiked at a level of 1.0 mg/kg for methiocarb parent compound and at 0.1 mg/kg of metabolites.

Samples were stored at ±1°C for eight hours directly after fortification followed by storage at -7°C for seven days in a freezer. For day-0 analysis, five treated samples of each material were chosen, as well as one control sample of each. In addition, two recoveries spiked at 1.0 mg/kg for methiocarb and at 0.1 mg/kg for the metabolites were performed at each sampling event.
Samples were then also analysed after nominal intervals of 7 days and after 22 or 30 days for methiocarb in tomato fruit and wheat green material only. At each storage time five fortified and one control samples of each tested plant material were removed from the deep-freezer. Subsequently, two of the control samples of each sample material were fortified with the test items to determine the concurrent recoveries. These samples were analyzed concurrently with the stored control sample and the spiked storage samples.
Concurrent recoveries were determined by analyzing freshly fortified samples alongside with the stored fortified samples. At the nominal storage interval of 7 days two concurrent recoveries were conducted at 1.0 mg/kg.
The methiocarb was analytically determined using analytical method 01207 as validated in report S10-00279 ([redacted]; 2013; M-424756-02-1; CA 4.1.2). This method is based on the QuEChERS method with the difference of using acetonitrile/water (4/1, v/v) as solvent.
Methiocarb was validated at the level of 1 mg/kg. Methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol were analysed according to method 01336 ([redacted]; 2013; M-468043-01-1; CA 4.1.2). To determine these residues in rape seeds, wheat green material, wheat grains, and dry peas an additional purification step, (SPE Phenomenex Strata C18 cartridge) was included in method 01336.

II. Findings

The mean values of the concurrent recovery rates per compound and sample material were in the range of 70-110%, RSD 20%. Details of recovery data are shown in Table 6.1-14 - 6.1-20.
Methiocarb and its metabolites (methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol) were found to be stable when stored at ±1°C for eight hours followed by storage at -7°C for seven days in a freezer in/on tomato fruit, wheat green materials, bunches of grapes, wheat grain and potato tuber, dry pea, and rape seed. Residue levels after 7 or 30 days storage normalise to day 0 were all above 70%. All storage stability results are summarised below in Tables 6.1-8 to 6.1-13.

III. Conclusions

During a storage at ±1°C for eight hours followed by a storage at -7°C for seven days, methiocarb and its metabolites (methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol) were found to be stable in all relevant matrix groups (high water, high acid, high starch, high protein and high oil content) represented by tomato fruit, wheat green materials, bunches of grapes, wheat grain and potato tuber, dry pea, and rape seed.
These results validate the residue values of improperly stored samples reported in Chapter 6.3.4 with respect to guideline deviations of storage conditions (recoveries 70-120%).

Table 6.1-8: Summary of stability data for samples fortified with **methiocarb**
– samples fortified at 1.0 mg/kg

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Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Tomato fruit	0	1.187 0.860 0.951 0.954 0.896	119 86 95 95 90	97	100	NA	100
	7	0.724 0.720 0.775 0.748 0.769	72 72 78 75 77	75	77	96	78
	30	0.816 0.873 0.875 0.811 0.804	82 87 88 81 80	84	86	88	95
Wheat, green material	0	0.746 0.725 0.743 0.943 0.834	75 73 74 94 83	80	100	NA	100
	7	0.673 0.688 0.715 0.692 0.646	67 69 71 69 65	68	85	91	75
	22	0.768 0.741 0.755	77 74 76	76	111	99	77
Grape, bunches	0	0.983 0.956 1.005 1.017 0.952	98 96 100 102 95	98	100	NA	100
	7	0.605 0.936 0.952 0.948 0.964	61 94 95 95 96	88	90	102	86

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Table 6.1-8 continued: Summary of stability data for samples fortified with **methiocarb** – samples fortified at 1.0 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
Wheat, grain	0	0.965 0.934 0.965 0.974 1.011	96 93 96 97 101	97	100	NA	100
	7	0.910 0.916 0.934 0.979 0.988	91 92 93 98 99	95	98	85	112
Potato, tuber	0	0.895 0.910 0.910 0.898 0.946	89 91 91 90 95	91	100	NA	100
	7	0.825 0.871 0.854 0.871 0.887	83 87 85 87 89	86	95	93	93
Peas, dried	0	0.867 0.912 0.739 0.774 0.765	87 91 74 77 77	81	100	NA	100
	7	0.781 0.777 0.789 0.771 0.669	78 78 79 77 67	76	93	83	91
	30	0.851 0.838 0.938 0.862 0.909	85 84 94 86 91	88	116	95	93
Oilseed rape	0	0.912 0.908 0.910 0.804 0.856	91 91 91 80 86	88	100	NA	100
		0.884 0.886 0.922 0.884 0.938	88 89 92 88 93	90	103	90	101

NA = not applicable
Normalized Recovery = (Average recovery / average recovery at day 0) x 100%
Corrected percent recovery = (Average % recovery (stored spiked sample) / Average of fresh concurrent recoveries) x 100%

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Table 6.1-9: Summary of stability data for samples fortified with **methiocarb sulfoxide** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Tomato fruit	0	0.081 0.081 0.080 0.079 0.070	81 81 80 79 70	78	100	NA	100
	8	0.098 0.097 0.087 0.092 0.093	98 97 87 92 93	93	119	101	93
Wheat, green material	0	0.088 0.086 0.083 0.092 0.088	88 86 83 92 88	87	100	NA	100
	8	0.088 0.092 0.089 0.092 0.093	88 92 89 92 93	91	104	91	100
Grape, bunches	0	0.086 0.088 0.086 0.086 0.083	86 88 86 86 83	86	100	NA	100
	8	0.091 0.088 0.089 0.096 0.092	91 88 89 96 92	91	106	89	102
Wheat, grain	0	0.096 0.106 0.092 0.098 0.093	96 106 92 98 93	97	100	NA	100
	7	0.097 0.096 0.096 0.100 0.097	97 96 96 100 97	97	100	98	100
Potato, tuber	0	0.078 0.078 0.077 0.077 0.078	78 78 77 77 78	78	100	NA	100
	8	0.080 0.100 0.154 0.140 0.109	80 100 154 140 109	117	150	84	140

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Table 6.1-9 continued: Summary of stability data for samples fortified with **methiocarb sulfoxide** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Peas, dried	0	0.096 0.082 0.077 0.077 0.084	96 82 77 77 84	83	100	NA	100
	7	0.095 0.096 0.097 0.094 0.091	95 96 97 94 91	95	114	96	99
Oilseed rape	0	0.090 0.092 0.094 0.081 0.084	90 92 94 81 84	77	100	NA	100
	7	0.088 0.090 0.088 0.095 0.084	88 90 88 95 84	89	99	83	108

NA = not applicable
Normalized Recovery = (Average recovery / average recovery at day0) x 100%
Corrected percent recovery = (Average % recovery (stored spiked sample) / Average of fresh concurrent recoveries) x 100%

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Table 6.1-10: Summary of stability data for samples fortified with **methiocarb sulfone** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Tomato fruit	0	0.083 0.084 0.083 0.085 0.070	83 84 83 85 70	81	100	NA	100
	8	0.094 0.095 0.094 0.092 0.092	94 95 94 92 92	93	115	98	96
Wheat, green material	0	0.084 0.087 0.088 0.081 0.083	84 87 88 81 83	85	100	NA	100
	7	0.090 0.093 0.092 0.091 0.091	90 93 92 91 91	91	108	92	99
Grape, bunches	0	0.089 0.086 0.089 0.090 0.088	89 86 89 90 88	88	100	NA	100
	8	0.090 0.095 0.093 0.098 0.096	90 95 93 98 96	94	107	95	100
Wheat, grain	0	0.102 0.105 0.103 0.095 0.102	102 105 103 95 102	101	100	NA	100
	7	0.098 0.095 0.098 0.106 0.104	98 95 98 106 104	100	99	101	99
Potato, tuber	0	0.079 0.080 0.079 0.078 0.075	79 80 79 78 75	78	100	NA	100
	8	0.084 0.086 0.099 0.096 0.087	84 86 99 96 87	90	116	82	110

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Table 6.1-10 continued: Summary of stability data for samples fortified with **methiocarb sulfone** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Peas, dried	0	0.103 0.100 0.096 0.105 0.103	103 100 96 105 103	101	100	NA	100
	7	0.095 0.101 0.099 0.100 0.095	95 101 99 100 95	98	97	100	98
Oilseed rape	0	0.089 0.083 0.093 0.084 0.084	89 83 93 84 84	87	100	NA	100
	7	0.088 0.087 0.086 0.091 0.087	88 87 86 91 87	88	99	83	106

NA = not applicable
Normalized Recovery = (Average recovery / average recovery at day0) x 100%
Corrected percent recovery = (Average % recovery (stored spiked sample) / Average of fresh concurrent recoveries) x 100%

Table 6.1-11: Summary of stability data for samples fortified with **methiocarb phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Tomato fruit	0	0.085 0.087 0.089 0.086 0.070	85 87 89 86 70	83	100	NA	100
	8	0.094 0.088 0.091 0.095 0.098	94 88 91 95 98	93	112	95	99
Wheat, green material	0	0.072 0.062 0.067 0.077 0.074	72 62 67 77 74	70	100	NA	100
	7	0.069 0.063 0.066 0.046 0.066	69 63 66 46 66	62	88	82	76

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Table 6.1-11 continued: Summary of stability data for samples fortified with **methiocarb phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Grape, bunches	0	0.085 0.084 0.083 0.085 0.083	85 84 83 85 83	84	100	NA	100
	8	0.089 0.079 0.074 0.081 0.090	89 79 74 81 90	83	98	87	95
Wheat, grain	0	0.099 0.099 0.101 0.105 0.102	99 99 101 105 102	101	100	NA	100
	7	0.078 0.091 0.086 0.088 0.093	78 91 86 88 93	87	86	90	97
Potato, tuber	0	0.081 0.077 0.073 0.076 0.078	81 77 73 76 78	77	100	NA	100
	8	0.074 0.070 0.069 0.075 0.077	74 70 69 75 77	73	95	78	94
Peas, dried	0	0.099 0.093 0.098 0.103 0.101	99 93 98 103 101	99	100	NA	100
	7	0.084 0.099 0.104 0.113 0.100	84 99 104 113 100	100	101	90	112
Oilseed rape	0	0.074 0.077 0.075 0.069 0.075	74 77 75 69 75	74	100	NA	100
	7	0.096 0.081 0.085 0.077 0.075	96 81 85 77 75	83	109	74	113

NA = not applicable
Normalized Recovery = (Average recovery / average recovery at day 0) x 100%
Corrected percent recovery = (Average % recovery (stored spiked sample) / Average of fresh concurrent recoveries) x 100%

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Table 6.1-12: Summary of stability data for samples fortified with **methiocarb sulfoxide phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Tomato fruit	0	0.086 0.085 0.086 0.082 0.073	86 85 86 82 73	82	100	NA	100
	8	0.103 0.108 0.099 0.098 0.103	103 108 99 98 103	102	124	103	100
Wheat, green material	0	0.081 0.095 0.089 0.094 0.087	81 95 89 94 87	89	100	NA	100
	7	0.089 0.099 0.098 0.103 0.097	89 99 98 103 97	97	109	92	106
Grape, bunches	0	0.090 0.086 0.092 0.087 0.086	90 86 92 87 86	88	100	NA	100
	8	0.099 0.096 0.096 0.100 0.099	99 96 96 100 99	98	111	96	102
Wheat, grain	0	0.104 0.107 0.102 0.103 0.104	104 107 102 103 104	104	100	NA	100
	7	0.078 0.092 0.095 0.095 0.096	92 92 95 95 96	94	90	94	101
Potato, tuber	0	0.083 0.080 0.080 0.080 0.078	83 80 80 80 78	80	100	NA	100
	8	0.094 0.089 0.107 0.110 0.100	94 89 107 110 100	100	125	84	120

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Table 6.1-12 continued: Summary of stability data for samples fortified with **methiocarb sulfoxide phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Peas, dried	0	0.101 0.093 0.090 0.082 0.100	101 93 90 82 100	93	100	NA	100
	7	0.084 0.104 0.100 0.104 0.093	94 104 100 104 93	99	106	98	101
Oilseed rape	0	0.084 0.085 0.088 0.089 0.084	84 85 88 89 84	86	100	NA	100
	7	0.096 0.087 0.084 0.083 0.079	85 87 84 83 79	84	95	86	98

NA = not applicable
Normalized Recovery = (Average recovery / average recovery at day0) x 100%
Corrected percent recovery = (Average % recovery (stored spiked sample) / Average of fresh concurrent recoveries) x 100%

Table 6.1-13: Summary of stability data for samples fortified with **methiocarb sulfone phenol** – samples fortified at 0.1 mg/kg

Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Tomato fruit	0	0.081 0.083 0.086 0.085 0.072	81 83 86 85 72	81	100	NA	100
	8	0.093 0.097 0.093 0.095 0.092	93 97 93 95 92	94	115	90	105
Wheat, green material	0	0.082 0.083 0.085 0.084 0.097	82 83 85 84 97	86	100	NA	100
	7	0.085 0.083 0.086 0.084 0.087	85 83 86 84 87	85	99	89	96

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Table 6.1-13 continued: Summary of stability data for samples fortified with **methiocarb sulfone phenol** – samples fortified at 0.1 mg/kg

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Matrix	Storage Period [days]	Residue Level in Stored Samples			Day-0 Normalized Recovery[a]	Average % of Fresh Concurrent Recoveries	Average Corrected % Recovery[b]
		mg/kg [ppm]	% of nominal spiking level	Average % recovery			
Grape, bunches	0	0.087 0.089 0.084 0.091 0.085	87 89 84 91 85	87	100	NA	100
	8	0.087 0.087 0.095 0.086 0.095	87 87 95 86 95	90	103	90	100
Wheat, grain	0	0.102 0.099 0.105 0.118 0.102	102 99 105 118 102	105	100	NA	100
	7	0.098 0.104 0.105 0.107 0.100	98 104 105 107 100	103	98	106	94
Potato, tuber	0	0.079 0.081 0.074 0.077 0.076	79 81 74 77 76	77	100	NA	100
	8	0.087 0.082 0.086 0.087 0.090	87 82 86 87 90	86	112	91	95
Peas, dried	0	0.096 0.096 0.098 0.092 0.100	96 96 98 92 100	96	100	NA	100
	7	0.096 0.102 0.096 0.096 0.100	96 102 96 96 100	98	102	98	100
Oilseed rape	0	0.089 0.083 0.093 0.084 0.084	89 83 93 84 84	87	100	NA	100
	7	0.090 0.095 0.091 0.089 0.085	90 95 91 89 85	90	102	84	108

NA = not applicable
Normalized Recovery = (Average recovery / average recovery at day 0) x 100%
Corrected percent recovery = (Average % recovery (stored spiked sample) / Average of fresh concurrent recoveries) x 100%

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Table 6.1-14: Concurrent recoveries for methiocarb and its metabolites in tomato fruit

Analyte	Fortification level	Date	Storage period (days)	Recoveries (%)					Mean	RSD
Methiocarb	1,0	2013-11-12	0	119	86	95	95	90	97	12
	1,0	2013-11-19	7	95	97	-	-	-	96	-
	1,0	2013-11-12	30	87	89	-	-	-	88	-
	Overall Mean, RSD [%]								95	10
methiocarb sulfoxide	0,10	2015-02-10	0	81	83	80	79	70	78	6,0
	0,10	2015-02-18	8	104	97	-	-	-	101	-
	Overall Mean, RSD [%]								85	14
methiocarb sulfone	0,10	2015-02-10	0	83	84	83	85	70	81	7,7
	0,10	2015-02-18	8	98	97	-	-	-	98	-
	Overall Mean, RSD [%]								86	11
methiocarb phenol	0,10	2015-02-10	0	85	87	89	86	70	83	9,2
	0,10	2015-02-18	8	95	94	-	-	-	95	-
	Overall Mean, RSD [%]								87	9,5
methiocarb sulfoxide phenol	0,10	2015-02-10	0	86	85	86	82	73	82	6,7
	0,10	2015-02-18	8	104	101	-	-	-	103	-
	Overall Mean, RSD [%]								88	12
methiocarb sulfone phenol	0,10	2015-02-10	0	81	83	86	85	72	81	6,9
	0,10	2015-02-18	8	91	88	-	-	-	90	-
	Overall Mean, RSD [%]								84	7,3

Table 6.1-15: Concurrent recoveries for methiocarb and metabolites in wheat green material

Analyte	Fortif. level	Date	Storage period (days)	Recoveries (%)					Mean (%)	RSD (%)
Methiocarb	1,0	2013-11-12	0	75	73	74	94	84	80	11
	1,0	2013-11-19	7	90	91	-	-	-	91	-
	1,0	2013-12-04	23	102	95	-	-	-	99	-
	Overall Mean, RSD [%]								86	12
methiocarb sulfoxide	0,1	2015-03-17	0	88	86	83	92	88	87	4
	0,1	2015-03-24	7	92	90	-	-	-	91	-
	Overall Mean, RSD [%]								88	3,7
methiocarb sulfone	0,1	2015-03-17	0	84	87	88	81	83	85	3,4
	0,1	2015-03-24	7	92	92	-	-	-	92	-
	Overall Mean, RSD [%]								87	5,0
methiocarb phenol	0,1	2015-03-17	0	72	62	67	77	74	70	8,4
	0,1	2015-03-24	7	83	80	-	-	-	82	-
	Overall Mean, RSD [%]								74	10
methiocarb sulfoxide phenol	0,1	2015-03-17	0	81	95	89	94	87	89	6,4
	0,1	2015-03-24	7	96	87	-	-	-	92	-
	Overall Mean, RSD [%]								90	6,0
methiocarb sulfone phenol	0,1	2015-03-17	0	82	83	85	84	97	86	7,1
	0,1	2015-03-24	7	90	87	-	-	-	89	-
	Overall Mean, RSD [%]								87	6,0

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Table 6.1-16: Concurrent recoveries of methiocarb and its metabolites in wheat grain

Analyte	Fortif. level	Date	Storage period (days)	Recoveries (%)					Mean	RSD
Methiocarb	1,0	2014-02-17	0	96	93	96	97	101	97	3,0
	1,0	2014-02-24	7	83	86	-	-	-	85	
	Overall Mean, RSD [%]								93	6,9
methiocarb sulfoxide	0,10	2015-03-17	0	96	106	92	98	93	97	5,7
	0,10	2015-03-24	7	98	97	-	-	-	98	
	Overall Mean, RSD [%]								97	1,7
methiocarb sulfone	0,10	2015-03-17	0	102	105	103	95	102	101	3,7
	0,10	2015-03-24	7	104	98	-	-	-	101	
	Overall Mean, RSD [%]								101	3,5
methiocarb phenol	0,10	2015-03-17	0	99	99	101	105	102	101	2,5
	0,10	2015-03-24	7	102	78	-	-	-	90	-
	Overall Mean, RSD [%]								98	9,2
methiocarb sulfoxide phenol	0,10	2015-03-17	0	104	107	102	103	104	104	1,8
	0,10	2015-03-24	7	96	91	-	-	-	94	-
	Overall Mean, RSD [%]								101	5,5
methiocarb sulfone phenol	0,10	2015-03-17	0	102	99	105	118	102	105	7,1
	0,10	2015-03-24	7	108	104	-	-	-	106	-
	Overall Mean, RSD [%]								105	5,9

Table 6.1-17: Concurrent recoveries of methiocarb and its metabolites in grape

Analyte	Fortif. level	Date	Storage period (days)	Recoveries (%)					Mean	RSD
Methiocarb	1,0	2013-12-02	0	98	96	100	102	95	98	2,9
	1,0	2013-12-09	7	105	99	-	-	-	102	-
	Overall Mean, RSD [%]								99	3,5
methiocarb sulfoxide	0,10	2015-02-10	0	86	88	86	86	83	86	2,1
	0,10	2015-02-18	8	86	92	-	-	-	89	-
	Overall Mean, RSD [%]								87	3,2
methiocarb sulfone	0,10	2015-02-10	0	89	86	89	90	88	88	1,7
	0,10	2015-02-18	8	92	97	-	-	-	95	-
	Overall Mean, RSD [%]								90	3,9
methiocarb phenol	0,10	2015-02-10	0	85	84	83	85	83	84	1,2
	0,10	2015-02-18	8	85	88	-	-	-	87	-
	Overall Mean, RSD [%]								85	2,0
methiocarb sulfoxide phenol	0,10	2015-02-10	0	90	86	92	87	86	88	3,0
	0,10	2015-02-18	8	94	98	-	-	-	96	-
	Overall Mean, RSD [%]								90	5,0
methiocarb sulfone phenol	0,10	2015-02-10	0	87	89	84	91	85	87	3,3
	0,10	2015-02-18	8	89	91	-	-	-	90	-
	Overall Mean, RSD [%]								88	3,1

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Table 6.1-18: Concurrent recoveries of methiocarb and its metabolites potato tuber

Analyte	Fortif. level	Date	Storage period (days)	Recoveries (%)					Mean	RSD
Methiocarb	1,0	2014-02-17	0	89	91	91	90	95	91	2,5
	1,0	2014-02-24	7	91	94	-	-	-	93	-
	Overall Mean, RSD [%]								92	2,3
methiocarb sulfoxide	0,10	2015-02-10	0	78	78	77	77	78	78	0,7
	0,10	2015-02-18	8	84	83	-	-	-	84	-
	Overall Mean, RSD [%]								79	3,7
methiocarb sulfone	0,10	2015-02-10	0	79	80	79	78	75	78	2,8
	0,10	2015-02-18	8	79	85	-	-	-	82	-
	Overall Mean, RSD [%]								79	3,8
methiocarb phenol	0,10	2015-02-10	0	81	77	76	76	78	77	3,8
	0,10	2015-02-18	8	76	79	-	-	-	78	-
	Overall Mean, RSD [%]								77	3,3
methiocarb sulfoxide phenol	0,10	2015-02-10	0	83	80	80	80	78	80	2,2
	0,10	2015-02-18	8	82	85	-	-	-	84	-
	Overall Mean, RSD [%]								81	2,9
methiocarb sulfone phenol	0,10	2015-02-10	0	79	81	74	77	76	77	3,5
	0,10	2015-02-18	8	89	92	-	-	-	91	-
	Overall Mean, RSD [%]								81	8,4

Table 6.1-19: Concurrent recoveries of methiocarb and its metabolites in dry peas

Analyte	Fortif. level	Date	Storage period (days)	Recoveries (%)					Mean	RSD
Methiocarb	1,0	2013-11-12	0	87	91	74	77	77	81	9,1
	1,0	2013-11-19	7	79	85	-	-	-	82	-
	1,0	2013-12-12	30	100	90	-	-	-	95	-
	Overall Mean, RSD [%]								84	10
methiocarb sulfoxide	0,10	2015-03-17	0	96	82	77	77	84	83	9,4
	0,10	2015-03-24	7	96	96	-	-	-	96	-
	Overall Mean, RSD [%]								87	10
methiocarb sulfone	0,10	2015-03-17	0	103	100	96	105	103	101	3,5
	0,10	2015-03-24	7	100	100	-	-	-	100	-
	Overall Mean, RSD [%]								101	2,9
methiocarb phenol	0,10	2015-03-17	0	99	93	98	103	101	99	3,8
	0,10	2015-03-24	7	88	91	-	-	-	90	-
	Overall Mean, RSD [%]								96	5,8
methiocarb sulfoxide phenol	0,10	2015-03-17	0	101	93	90	82	100	93	8,4
	0,10	2015-03-24	7	90	106	-	-	-	98	-
	Overall Mean, RSD [%]								95	8,7
methiocarb sulfone phenol	0,10	2015-03-17	0	96	96	98	92	100	96	3,1
	0,10	2015-03-24	7	97	99	-	-	-	98	-
	Overall Mean, RSD [%]								97	2,7

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Table 6.1-20: Concurrent recoveries of methiocarb and its metabolites in rape seed

Analyte	Fortif. level	Date	Storage period (days)	Recoveries (%)					Mean	RSD
Methiocarb	1,0	2014-01-17	0	91	91	91	80	86	88	5,5
	1,0	2014-01-24	7	91	88	-	-	-	90	-
	Overall Mean, RSD [%]								88	4,7
methiocarb sulfoxide	0,10	2015-03-17	0	90	92	94	81	84	88	6,2
	0,10	2015-03-24	7	81	84	-	-	-	83	-
	Overall Mean, RSD [%]								87	6,2
methiocarb sulfone	0,10	2015-03-17	0	89	83	93	84	84	87	4,9
	0,10	2015-03-24	7	85	80	-	-	-	83	-
	Overall Mean, RSD [%]								85	5,0
methiocarb phenol	0,10	2015-03-17	0	74	77	76	69	75	74	4,1
	0,10	2015-03-24	7	76	71	-	-	-	74	-
	Overall Mean, RSD [%]								74	3,9
methiocarb sulfoxide phenol	0,10	2015-03-17	0	84	85	88	89	84	86	2,7
	0,10	2015-03-24	7	87	84	-	-	-	86	-
	Overall Mean, RSD [%]								86	2,5
methiocarb sulfone phenol	0,10	2015-03-17	0	79	93	96	81	83	86	8,8
	0,10	2015-03-24	7	82	85	-	-	-	84	-
	Overall Mean, RSD [%]								86	7,5

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CA 6.2 Metabolism, distribution and expression of residues

CA 6.2.1 Metabolism, distribution and expression of residues in plants

No supplementary studies are required as metabolism has been fully studied. The conclusions from the EU evaluation still apply.

Report:	KCA 6.2.1/02[redacted]; 1979; M-013436-01-1
Title:	Metabolism of Mesurol in rice
Report No.:	MR66776
Document No.:	M-013436-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

Report:	KCA 6.2.1/03[redacted]s; [redacted]; 1976; M-013437-01-1
Title:	Mesurol uptake and metabolism by lettuce and tomato plants
Report No.:	MR50863
Document No.:	M-013437-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

Report:	KCA 6.2.1/01[redacted]0; [redacted]s, 1974; M-013442-01-1
Title:	Metabolism of Mesurol in apples
Report No.:	MR40298
Document No.:	M-013442-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

These three metabolism studies were evaluated by the RMS in the DAR. They were not evaluated by EFSA as they were considered non-relevant for the representative uses, which were soil applications and seed treatment. EFSA evaluated the following study about the metabolism in rape after seed treatment, which is relevant to the representative use (seed treatment in maize) submitted with this dossier.

Report:	KCA 6.2.1/04[redacted]; 2001; M-035285-01-1
Title:	Metabolism of methiocarb in oilseed rape after seed dressing
Report No.:	MR-16601
Document No.:	M-035285-01-1
Guideline(s):	USEPA Residue Chemistry Test Guideline OPPTS 860.1300: Nature of the Residue - Plants, Livestock OMRA Ref.: DACO 6.3 - Plant Study EU Council Directive 91/414/EEC amended by the Commission directive 96/68/EC
Guideline deviation(s):	none
GLP/GEP:	**yes**

Conclusion from the EU peer review of methiocarb (EFSA Scientific Report (2006) 79, 1-82)

"The metabolism of methiocarb was investigated in tomato, lettuce, rice and oilseed rape following a soil application or a seed treatment. In tomato, lettuce, rice methiocarb and methiocarb sulfoxide

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(M01) were identified as major components. Methiocarb phenol (M03) and methiocarb sulfoxide phenol (M04) could be released at significant levels upon hydrolysis of lettuce extracts. In oilseed rape the metabolic pattern at harvest was different. A major part of the radioactivity was associated with fatty acids in the seeds. Methiocarb sulfoxide phenol (M04) and methiocarb sulfone phenol (M05) and their glucose conjugates were identified as main constituents in rape matrices. These compounds were also present at significant levels in crops planted as succeeding crops."

Based on the metabolism data available the intial proposal of the residue definition for methiocarb of the rapporteur Member State was methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb. [redacted]ver, it was noted by the experts in EPCO 29 that methiocarb phenol (M03), methiocarb sulfoxide phenol (M04) and methiocarb sulfone phenol (M05) were present in primary crop metabolism studies involving a soil or seed treatment and also in the rotational crop metabolism study at significant levels. Phenol metabolites were commonly presented as conjugated material but also, usually as lesser proportions, as free metabolites. The potential for release of the free phenol metabolites away from conjugates was noted [redacted]er supervised residues trials with oilseed rape and maize were only available determining the methiocarb, methiocarb sulfoxide and methiocarb sulfone components and the actual level of phenol metabolites in these crops at harvest is not known. Therefore, residue trials on maize as well as a high number of crops for supplementary purposes were performed, analyzing the residues of methiocarb and its metabolites including phenol metabolites. The residue analysis (see CA 6.3.4) and the analytical methods (see CA 4.1.2) provided within this submission comply the requests, but show that phenol metabolites are of minor relevance. Therefore, the residue definition of the sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb is supported by the applicant.

The proposed metabolic pathway of methiocarb in plants is presented in Figure 6.1-1.

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Figure 6.2-1: Proposed metabolic pathway of methiocarb in plants

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CA 6.2.2 Poultry

Report:	KCA 6.2.2/02[redacted]; 1979; M-013449-02-1
Title:	Radioactive residues of [14C] Mesurol in poultry
Report No.:	MR66778
Document No.:	M-013449-02-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

Report:	KCA 6.2.2/01[redacted]; 1979; M-013454-01-1
Title:	Metabolism and excretion of Mesurol by poultry
Report No.:	MR66777
Document No.:	M-013454-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

The metabolism and distribution in animals was investigated in chickens using phenyl labelled [^{14}C] radiolabelled methiocarb.
For chickens dosed at a rate of 4.4 mg/kg body weight for 5 consecutive days on extraction and characterization of tissue samples three major components were found in the liver and kidney (fat and muscle were not characterized due to residues in these tissues being less than 0.05 mg/kg) methiocarb, methiocarb phenol and methiocarb sulfoxide phenol, representing 51% of the total radioactivity in the muscle, 76% in the fat, 42% in the liver and 45% in the kidney. Several other metabolites and unknowns were present which individually did not represent more than 10% of the total radioactivity in the tissues, with the exception of N-hydroxymethyl methiocarb sulfoxide in muscle (17%). Eggs were not characterized due to residues in the eggs being less than 0.1 mg/kg.
All metabolites identified in the chicken study were also identified in the rat metabolism study.
A residue definition was not proposed due to the metabolism indicated that residues in animal products would be significantly less than 0.01 mg/kg (DAR B.7.2.3).

During the EFSA review the livestock metabolism studies were considered to be of limited quality: "The studies were conducted during the 1970's and were of limited quality in terms of data presentation to support the reported results. Also data to ensure that samples were stored under acceptable conditions and for appropriate periods are not available. The majority view of EPCO 29 was that the existing old livestock metabolism studies were not acceptable. The meeting agreed that the deficiency should be highlighted in the evaluation for future reference." (EFSA, 2006)

No measurable residues were found in feed commodities following the representative use of methiocarb as seed treatment on maize. The low calculated dietary burden (<0.004 mg/kg bw/day) does not trigger a poultry metabolism study (see dietary burden calculations in CA 6.4). No supplementary studies are required.

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CA 6.2.3 Lactating ruminants

Report:	KCA 6.2.3/01[redacted],;[redacted]; 1977; M-013445-01-1
Title:	Metabolism and excretion of Mesurol by a dairy cow
Report No.:	MR51144
Document No.:	M-013445-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

Report:	KCA 6.2.3/02[redacted],;[redacted]; 1977; M-013447-01-1
Title:	Radioactive residues of [ring-14C] Mesurol in a lactating dairy cow
Report No.:	MR51145
Document No.:	M-013447-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

The metabolism and distribution in livestock animals was investigated in a dairy cow using phenyl labelled [^{14}C] radiolabelled methiocarb. The test substance was administered via gelatine capsules at a dose of 72 mg per day (0.14 mg/kg bw/day) for 5 consecutive days. Residues in milk reached a plateau after 56 hours (0.062 mg eq/kg) after which a decline was noted. On extraction and characterization of the milk and tissue samples, two major components were identified in the milk as methiocarb sulfoxide phenol and methiocarb sulfone phenol, representing 50% (both were present at 25%) of the total radioactivity in the milk. Several other metabolites and unknowns were present, which individually did not represent more than 15% (<0.01 mg eq/kg) of the total radioactivity in the milk (methiocarb was present at levels of less than 0.001 mg/kg).
For tissues, three major components were found in the liver and kidney, fat and muscle were not characterized due to residues in these tissues being less than 0.01 mg eq/kg), methiocarb, methiocarb phenol and methiocarb sulfone phenol, representing 45% of the total radioactivity in the liver and 72% in the kidney. Several other metabolites and unknowns were present, which individually did not represent more than 11% (<0.01 mg eq/kg) of the total radioactivity in the liver and kidney

All metabolites identified in the dairy cow study were also identified in the rat metabolism study.
A residue definition was not proposed due to the metabolism indicated that residues in animal products would be significantly less than 0.01 mg/kg (DAR B.7.2.3).

During the EFSA review the livestock metabolism studies were considered to be of limited quality: "The studies were conducted during the 1970's and were of limited quality in terms of data presentation to support the reported results. Also, data to ensure that samples were stored under acceptable conditions and/or appropriate periods are not available. The majority view of EPCO 29 was that the existing old livestock metabolism studies were not acceptable. The meeting agreed that the deficiency should be highlighted in the evaluation for future reference." (EFSA, 2006)

No measurable residues were found in feed commodities following the representative use of methiocarb as seed treatment in maize. The low calculated dietary burden (<0.004 mg/kg bw/day) does not trigger a ruminant metabolism study (see dietary burden calculations in CA 6.4)
No supplementary studies are required.

The proposed metabolic pathway in hen and cow is shown in Figure 6.2-2.

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Figure 6.2-2: Proposed metabolic pathway in hen and cow

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CA 6.2.4 Pigs

Animal metabolism studies are not triggered due to the low dietary burden. Moreover, after the oral administration of [phenyl-UL-^{14}C]methiocarb to rats and cows a very similar metabolic pattern was found in both animals. Hence, the investigation of the metabolism of methiocarb in pigs was not considered necessary.

CA 6.2.5 Fish

As there are not expected any residues of methiocarb (methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone) in maize kernel treated according to the GAP proposed within this submission, there is no need for a fish metabolism study.

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CA 6.3 Magnitude of residue trials in plants

The samples from residue trials submitted under point 6.3.1 to 6.3.4 in the baseline dossier were analysed for methiocarb, methiocarb sulfoxide and methiocarb sulfone according to the current residue definition.
In its Scientific Report (2006) EFSA concluded that methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol (the phenol metabolites) and their conjugates were present at significant levels in primary crop metabolism studies involving a soil or seed treatment and identified the need to clarify whether the phenol metabolites and their conjugates should also be included in the residue definition. Bayer CropScience submitted additional toxicological studies which demonstrated that the phenol metabolites do not show any effect in the acute oral rat toxicity studies. [redacted] However, EFSA could not finalise the residue definition and required further testing.

BCS started a residue program in 2012 with methiocarb for all uses and crops which were considered relevant at that time. Samples were analysed for methiocarb, methiocarb sulfoxide, methiocarb sulfone, the phenol metabolites and their glucose conjugates. The results of these trials are reported in this chapter. Residue trials from the seed treatment uses in rape and maize, from granular applications of methiocarb to soil (strawberry, potato, tomato, cauliflower, cabbage, lettuce, globe artichoke, rape, wheat and sugar beet) and from foliar spray applications of methiocarb (grapes, onion and leek) are reported. These data are evaluated in Chapter CA 6.7 (Proposed Residue Definition). The results from the residue trials with seed treatment and granular applications of methiocarb are also discussed in Chapter CA 6.6 (Residues in rotational crops).

The representative use, the seed treatment of methiocarb FS 500 in maize (CA 6.3.4), from the baseline dossier is supported with this dossier. New data are provided.
The representative use for methiocarb granular soil application in oilseed rape which was included in the baseline dossier and supported by residue data (Points CA 6.3.2-6.3.3) is no more supported. A reference to these reports is not included in this dossier.

In all studies the samples were analysed according to BCS method 01336 ([redacted]; [redacted]; 2013; M-468043-01-1) for residues of methiocarb, methiocarb sulfoxide, methiocarb sulfone, the 3 phenol metabolites, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, and the respective glucose conjugates of the phenol metabolites. The glucose conjugates of the phenol metabolites were converted to the phenol metabolites and analysed as the respective phenol metabolite together with the unconjugated phenol metabolites. The following two total residues were calculated:

Total residue methiocarb	Sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb	LOQ: 0.03 mg/kg
Total residue methiocarb including the phenol metabolites	Sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol expressed as methiocarb. The glucose conjugates of the phenol metabolites were converted to the phenol metabolites before analysis and were determined together with the unconjugates phenol metabolites.	LOQ: 0.06 mg/kg

If not given in detail in the respective residue chapter, residues in control samples were <LOQ.

For information on deep freezer storage periodes of residue samples and storage stability data relevant for the submitted residue studies please refer to chapter CA 6.1 Storage stability of residues.

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CA 6.3.1 winter rape

This use is no more defended.

CA 6.3.2 summer rape

This use is no more defended.

CA 6.3.3 sunflower

Data were submitted to support the use in rape. This use, [redacted]ver, is not supported with this dossier.

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Representative use

CA 6.3.4 Maize - application to seeds (FS 500)

In the baseline dossier, a total of 16 residue trials were reported with methiocarb FS 500 used as maize treatment from both European regions: 8 trials conducted in the North and 8 trials in the South.

Report:	KCA 6.3.4/02[redacted]; 2002; M-034429-01-1
Title:	Determination of residues of Mesurol 500 FS (A.S. methiocarb) on corn following seed treatment in the field in Germany and France
Report No.:	RA-2130/00
Document No.:	M-034429-01-1
Guideline(s):	--
Guideline deviation(s):	--
GLP/GEP:	**yes**

Report:	KCA 6.3.4/03[redacted]; 2002; M-035447-01-1
Title:	Determination of residues of Mesurol (500 FS) following seed treatment in/on corn in the field in Italy, Spain, Greece and Southern France
Report No.:	RA-2014/01
Document No.:	M-035447-01-1
Guideline(s):	--
Guideline deviation(s):	--
GLP/GEP:	**yes**

Report:	KCA 6.3.4/04[redacted]; 2002; M-033763-01-1
Title:	Determination of residues of Mesurol (500 FS) following seed treatment in/on corn in the field in Germany, Northern France and Belgium
Report No.:	RA-2014/01
Document No.:	M-033763-01-1
Guideline(s):	--
Guideline deviation(s):	--
GLP/GEP:	**yes**

Report:	KCA 6.3.4/04[redacted]; 2002; M-032843-01-1
Title:	Determination of residues on Mesurol 500 FS (A.S. methiocarb) on corn following seed treatment in the field in Greece, Spain, France and Italy
Report No.:	RA-2131/00
Document No.:	M-032843-01-1
Guideline(s):	--
Guideline deviation(s):	--
GLP/GEP:	**yes**

The application rate in these trials was 1 L methiocarb FS 500/dt seeds. Samples from these trials were analysed using method BCS 00613 analysing methiocarb, methiocarb sulfoxide and methiocarb sulfone and the total residue of methiocarb. In samples of young maize plants collected 27 – 41 days after sowing (growth stage BBCH 15-33) traces of methiocarb sulfoxide (0.01 - 0.07 mg/kg) could be detected in most trials resulting in a calculated total residue of methiocarb between 0.03 and 0.09 mg/kg. In raw agricultural commodities used as food or feed, such as unripe maize cobs

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(representative for sweet corn) collected at BBCH 72-73, whole plants used for silage collected at BBCH 85 or ripe kernels collected at BBCH 89, residues of methiocarb, methiocarb-sulfoxide and sulfone were below the LOQ of 0.01mg/kg for each analyte and below 0.03 mg/kg for the total residue of methiocarb.

Altogether 8 new residue trials with methiocarb FS 500 in maize are reported below, 4 trials were conducted in northern Europe and 4 trials in southern Europe in 2012 and 2013. Samples of these trials were analysed for methiocarb, methiocarb sulfoxide, methiocarb sulfone and the phenol metabolites, methiocarb phenol, methiocarb sulfoxide phenol, methiocarb sulfone phenol as well as their glucose conjugates.

The use pattern of Methiocarb FS500 in the residue trials is described in the following table:

Table 6.3.4-1: Use pattern of Methiocarb FS 500 in maize

Region	Product rate	a.s. rate	Seed rate	Calculated field rate
Europe	150 mL/unit	75 g/unit	2.2 units/ha	165 g a.s./ha

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Report:	KCA 6.3.4/06[redacted]又; 2014; M-486999-01-1
Title:	Determination of the residues of methiocarb in/on maize/corn after seed treatment with Mesurol FS 500 in the United Kingdom, northern France, Italy and Spain
Report No.:	12-2083
Document No.:	M-486999-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

Report:	KCA 6.3.4/05[redacted]; 2014; M-489655-01-1
Title:	Determination of the residues of methiocarb in/on maize/corn after seed treatment with Mesurol FS 500 in Germany and the Netherlands
Report No.:	13-2050
Document No.:	M-489655-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC; EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial; US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/07[redacted]; 2014; M-492316-01-1
Title:	Determination of the residues of methiocarb in/on maize/corn after seed treatment with Mesurol FS 500 in Italy and Spain
Report No.:	13-2051
Document No.:	M-492316-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

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The residue trials were conducted according to the envisaged use pattern of methiocarb FS 500 in maize (Table 6.3.4-1). More information about the application of methiocarb FS 500 in the residue trials is given in Tables 6.3.4-2 and 6.3.4-3 and in the Tier I Tables in the Appendix.

During the conduct of the residue trials the following samples were taken:

Commodity samples	Growth stage at sampling	Sample representative for
Seed for sowing	BBCH 00	Assure quality of seed treatment
Ear without husk	BBCH 61	Preserve of sweet corn
Ear without husk	BBCH 79	Ripe sweet corn
Immature kernel	BBCH 79	Preserve of kernels
Ear without husk	BBCH 85 (87)	Silage
Green material	BBCH 85 (87)	Silage
Kernel	BBCH 89	Ripe kernels

During the shipment of samples of the French trial (12-2083-02) the requested temperature of -18°C was slightly exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to M-480441-03-1 (KCA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD <20%). They are shown in Table 6.3.4-6.

The results of the residue analysis are summarized in Tables 6.3.4-4a/b and 6.3.4-5a/b.

The seed dressing rate was between 87 and 118% of the target rate of 75 g/unit.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in any sample material..

Conclusion

The available residue trials conducted in northern Europe (4) and in southern Europe (4) are considered valid to support the envisaged use of methiocarb FS 500 as seed treatment in maize. No residues of methiocarb or its metabolites above the LOD of 0.003 mg/kg can be expected in maize ears without husks collected at BBCH 61 (preserve), at BBCH 79 (harvest of sweet corn) and at BBCH 85 (silage stage), in green material collected at BBCH 85 (silage) and in kernels at harvest.

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Table 6.3.4-2: Application data of residue trials with methiocarb 500 FS in Maize/ Corn in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application		
			FL	kg/unit (a.s.)	comment
12-2083 12-2083-01 12-2083-01-T GLP: yes 2012	Maize/Corn Gladi	United Kingdom GB-[redacted] Europe, North	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha
12-2083 12-2083-02 12-2083-02-T GLP: yes 2012	Maize/Corn Gladi	France F-[redacted] Europe, North	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha
13-2050 13-2050-01 13-2050-01-T GLP: yes 2013	Maize/Corn Gladi	Germany D-[redacted] Europe, North	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha
13-2050 13-2050-02 13-2050-02-T GLP: yes 2013	Maize/Corn Gladi	Netherlands NL-[redacted] Europe, North	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-3: Application data of residue trials with methiocarb 500 FS in Maize/ Corn in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application		
			FL	kg/unit (a.s.)	comment
12-2083 12-2083-03 12-2083-03-T GLP: yes 2012	Maize/Corn Scandi	Italy [redacted] Europe, South	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha
12-2083 12-2083-04 12-2083-04-T GLP: yes 2012	Maize/Corn Scandi	Spain E-[redacted] Europe, South	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha
13-2051 13-2051-01 13-2051-01-T GLP: yes 2013	Maize/Corn Scandi CS	Italy I-[redacted] Europe, South	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha
13-2051 13-2051-02 13-2051-02-T GLP: yes 2013	Maize/Corn Scandi	Spain E-[redacted] Europe, South	500 FS	0.075	1 unit: 50000 seeds Seed rate: 110000 seeds/ha

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-4a: Results from residue trials with methiocarb 500 FS in Maize/ Corn in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sul-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2083 12-2083-01 12-2083-01-T GLP: yes 2012	seed for sowing	00	0	4190							
	kernel, immature	79	138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear without husk	61	109	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		79	138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		85	161	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	161	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	179	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2083 12-2083-02 12-2083-02-T GLP: yes 2012	seed for sowing	00	0	4270							
	kernel, immature	79	108	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear without husk	61	76	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		79	108	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		85	118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	118	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	137	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2050 13-2050-01 13-2050-01-T GLP: yes 2013	seed for sowing	00	0	4870/ 38**							
	kernel, immature	79	113	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear without husk	61	92	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		79	113	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		85	135	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	135	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	154	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2050 13-2050-02 13-2050-02-T GLP: yes 2013	seed for sowing	00	0	5590/ 17**							
	kernel, immature	79	114	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear without husk	61	86	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		79	114	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
		85	134	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	134	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	143	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
** residue in control; GS = growth stage of samples according to BBCH code

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Table 6.3.4-4b: Results from residue trials with methiocarb 500 FS in Maize/ Corn in Northern Europe. Residues below the LOQ of 0.01 mg/kg are presented as given from the system and rounded to 5 digits. The LOD was 0.003 mg/kg. Values below 0.003 mg/kg cannot be evaluated. Data corresponds to Table 6.3.4-4a.

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residues (mg/kg) expressed as methiocarb. Data below 0.01 mg/kg					
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol
12-2083 12-2083-01 12-2083-01-T GLP: yes 2012	kernel, immature	79	138	0.00004	-0.00044	-0.00034	0.00080	-0.00080	-0.00056
	ear without husk	61	109	0.00010	-0.00048	-0.00048	0.00017	0.00043	-0.00109
		79	138	0.00019	-0.00057	-0.00049	0.00023	0.00017	-0.00095
		85	161	0.00009	-0.00072	-0.00048	0.00008	0.00006	-0.00093
	green material	85	161	-0.00012	-0.00038	0.00031	0.00033	-0.00005	0.00031
	kernel	89	170	-0.00004	-0.00047	-0.00034	0.00038	-0.00079	-0.00055
12-2083 12-2083-02 12-2083-02-T GLP: yes 2012	kernel, immature	79	108	-0.00004	-0.00050	-0.00034	0.00026	-0.00078	-0.00056
	ear without husk	61	76	0.00009	-0.00073	-0.00048	0.00018	0.00008	-0.00109
		79	108	0.00009	-0.00066	-0.00049	0.00014	0.00027	-0.00073
		85	118	0.00009	-0.00070	-0.00048	0.00028	0.00010	-0.00084
	green material	85	118	0.00008	-0.00072	0.00024	0.00109	0.00022	0.00020
	kernel	89	137	-0.00004	-0.00047	-0.00034	0.00027	-0.00079	-0.00056
13-2050 13-2050-01 13-2050-01-T GLP: yes 2013	kernel, immature	79	113	-0.00072	-0.00036	0.00056	0.00065	-0.00116	0.00035
	ear without husk	61	92	-0.00034	0.00011	0.00057	0.00073	0.00048	0.00154
		79	113	-0.00095	-0.00030	0.00057	0.00045	-0.00100	-0.00001
		85	135	-0.00151	-0.00159	-0.00123	0.00159	-0.00193	0.00011
	green material	85	135	0.00000	-0.00097	-0.00031	0.00291	-0.00016	-0.00006
	kernel	89	154	-0.00141	-0.00154	-0.00123	0.00105	-0.00180	0.00017
13-2050 13-2050-02 13-2050-02-T GLP: yes 2013	kernel, immature	79	114	-0.00150	-0.00155	-0.00123	0.00153	-0.00192	0.00011
	ear without husk	61	86	-0.00072	-0.00003	0.00057	0.00056	-0.00086	-0.00018
		79	114	-0.00072	-0.00024	0.00057	0.00045	-0.00101	0.00008
		85	134	-0.00072	-0.00022	0.00057	0.00071	-0.00130	0.00176
	green material	85	134	0.00000	0.00013	-0.00030	0.00317	0.00034	0.00008
	kernel	89	143	-0.00150	-0.00159	-0.00123	0.00089	-0.00193	0.00011

GS = growth stage of samples according to BBCH code; DALT days after last application

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Table 6.3.4-5a: Results from residue trials with methiocarb 500 FS in Maize/ Corn in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2083 12-2083-03 12-2083-03-T GLP: yes 2012	seed for sowing	00	0	3550							
	kernel, immature	79	88	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear	61	67	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	without	79	88	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	husk	85	102	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	102	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	130	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2083 12-2083-04 12-2083-04-T GLP: yes 2012	seed for sowing	00	0	3770							
	kernel, immature	79	113	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear	61	86	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	without	79	113	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	husk	87	126	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	87	126	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	160	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2051 13-2051-01 13-2051-01-T GLP: yes 2013	seed for sowing	00	0	4910/ 52**							
	kernel, immature	79	97	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear	61	83	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	without	79	97	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	husk	85	111	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	111	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	138	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2051 13-2051-02 13-2051-02-T GLP: yes 2013	seed for sowing	00	-1	4930/ 51**							
	kernel, immature	79	111	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	ear	61	90	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	without	79	111	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	husk	85	127	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	green material	85	127	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	kernel	89	161	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
** residue in control; GS = growth stage of samples according to BBCH code; DALT days after last application

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Table 6.3.4-5b: Results from residue trials with methiocarb 500 FS in Maize/ Corn in Southern Europe. Residues below the LOQ of 0.01 mg/kg are presented as given from the system and rounded to 5 digits. The LOD was 0.003 mg/kg, values below 0.003 mg/kg cannot be evaluated. Data corresponds to Table 6.3.4-5a.

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb					
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol
12-2083 12-2083-03 12-2083-03-T GLP: yes 2012	kernel, immature	79	88	-0.00002	-0.00046	-0.00034	0.00015	-0.00081	-0.00056
	ear without husk	61	67	0.00009	-0.00069	-0.00049	0.00028	0.00019	-0.00109
		79	88	0.00009	-0.00071	-0.00049	0.00019	0.00018	-0.00098
		85	102	0.00009	-0.00074	-0.00048	0.00027	0.00010	-0.00109
	green material	85	102	0.00008	-0.00014	0.00024	0.00038	0.00050	0.00030
	kernel	89	130	-0.00004	-0.00036	-0.00034	0.00015	-0.00048	-0.00028
12-2083 12-2083-04 12-2083-04-T GLP: yes 2012	kernel, immature	79	113	-0.00004	-0.00050	-0.00034	0.00040	-0.00068	-0.00056
	ear without husk	61	86	0.00009	-0.00067	-0.00048	0.00026	0.00014	-0.00109
		79	113	0.00009	-0.00073	-0.00048	0.00020	0.00012	-0.00108
		85	126	0.00188	0.00051	0.00179	0.00023	0.00064	-0.00010
	green material	87	126	0.00008	-0.00082	0.00024	0.00028	0.00045	0.00019
	kernel	89	160	0.00006	0.00015	-0.00001	0.00025	0.00024	0.00021
13-2051 13-2051-01 13-2051-01-T GLP: yes 2013	kernel, immature	79	97	-0.00074	-0.00078	-0.00085	0.00049	-0.00077	0.00026
	ear without husk	61	83	-0.00011	-0.00077	-0.00010	0.00085	-0.00011	0.00057
		79	97	-0.00026	-0.00106	-0.00010	0.00081	-0.00059	-0.00003
		85	111	-0.00026	-0.00109	-0.00010	0.00070	-0.00059	-0.00003
	green material	85	111	0.00018	-0.00020	-0.00017	0.00260	0.00022	-0.00011
	kernel	89	138	-0.00033	0.00036	-0.00003	0.00102	0.00012	0.00101
13-2051 13-2051-02 13-2051-02-T GLP: yes 2013	kernel, immature	79	111	-0.00040	0.00072	0.00032	0.00060	0.00044	0.00111
	ear without husk	61	90	-0.00026	-0.00101	-0.00010	0.00084	-0.00058	-0.00003
		79	111	-0.00026	-0.00108	-0.00010	0.00069	-0.00059	-0.00003
		85	127	-0.00026	-0.00106	-0.00010	0.00069	-0.00059	0.00022
	green material	85	127	0.00018	-0.00066	-0.00017	0.00313	-0.00015	-0.00011
	kernel	85	127	-0.00074	-0.00083	-0.00085	0.00103	-0.00099	0.00023

GS = growth stage of samples according to BBCH code; DALT days after last application

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Table 6.3.4-6: Recoveries for methiocarb and metabolites in Maize/ Corn commodities

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2083 12-2083-01-T to 12-2083-04-T GLP: yes 2012	Maize/ Corn	ear without husk	methiocarb	4	0.01	103; 103; 106; 107	103	107	105	2
				4	0.1	89; 90; 93; 108	89	108	95	9.3
				8	overall		89	108	100	7.9
			methiocarb phenol	4	0.01	77; 80; 81; 86	77	86	81	4.6
				4	0.1	78; 78; 81; 82	78	82	80	2.6
				8	overall		77	86	80	3.6
			methiocarb sulfone phenole	4	0.01	83; 86; 89; 91	83	91	87	4
				4	0.1	87; 89; 90; 92	87	92	90	2.3
				8	overall		83	92	88	3.3
			methiocarb sulfoxide phenol	4	0.01	105; 106; 107; 111	105	111	107	2.5
				4	0.1	101; 101; 104; 115	101	115	105	6.3
				8	overall		101	115	106	4.5
			methiocarb sulfone	4	0.01	105; 106; 106; 108	105	108	106	1.2
				4	0.1	88; 94; 94; 96	88	96	93	3.7
				8	overall		88	108	100	7.5
			methiocarb sulfoxide	4	0.01	99; 100; 101; 102	99	102	101	1.3
				4	0.1	94; 97; 97; 103	94	103	98	3.9
				8	overall		94	103	99	3
		green material	methiocarb	4	0.01	77; 77; 79; 81	77	81	79	2.4
				4	0.1	75; 78; 82; 82	75	82	79	4.3
				8	overall		75	82	79	3.3
			methiocarb phenol	4	0.01	80; 82; 83; 84	80	84	82	2.1
				4	0.1	73; 77; 78; 79	73	79	77	3.4
				8	overall		73	84	80	4.5

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Table 6.3.4-6 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2083 12-2083-01-T to 12-2083-04-T GLP: yes 2012		Green material	methiocarb sulfone phenole	4	0.01	94; 94; 95; 96	94	96	95	1
				4	0.1	88; 89; 92; 94	88	94	91	3
				8	overall		88	96	93	3.1
12-2083 12-2083-01-T to 12-2083-04-T GLP: yes 2012	Maize/ Corn		methiocarb sulfoxide phenol	4	0.01	82; 92; 97; 101	82	101	93	8.8
				4	0.1	83; 90; 93; 101	83	101	92	8.1
				8	overall		82	101	92	7.9
			methiocarb sulfone	4	0.01	88; 91; 94; 98	88	98	93	4.6
				4	0.1	84; 87; 93; 97	84	97	90	6.5
				8	overall		84	98	92	5.4
			methiocarb sulfoxide	4	0.01	86; 92; 94; 95	86	95	92	4.4
				4	0.1	88; 93; 99; 101	88	101	95	6.2
				8	overall		86	101	94	5.4
		kernel	methiocarb	4	0.01	71; 72; 72; 73	71	73	72	1.1
				4	0.1	71; 71; 71; 74	71	74	72	2.1
				8	overall		71	74	72	1.6
			methiocarb phenol	4	0.01	71; 72; 75; 76	71	76	74	3.2
				4	0.1	70; 70; 70; 72	70	72	71	1.4
				8	overall		70	76	72	3.2
			methiocarb sulfone phenole	4	0.01	83; 83; 83; 85	83	85	84	1.2
				4	0.1	86; 89; 89; 90	86	90	89	2
				8	overall		83	90	86	3.5
			methiocarb sulfoxide phenol	4	0.01	86; 93; 96; 98	86	98	93	5.6
				4	0.1	98; 102; 105; 107	98	107	103	3.8
				8	overall		86	107	98	6.9
			methiocarb sulfone	4	0.01	84; 87; 89; 93	84	93	88	4.3
				4	0.1	92; 94; 96; 101	92	101	96	4
				8	overall		84	101	92	5.8

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Table 6.3.4-6 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2083 12-2083-01-T to 12-2083-04-T		Kernel	methiocarb sulfoxide	4	0.01	80; 82; 86; 86	80	86	84	3.6
				4	0.1	86; 90; 92; 94	86	94	91	3.8
				8	overall		80	94	87	8.5
13-2050 13-2050-01-T 13-2050-02-T 13-2051 13-2051-01-T 13-2051-02-T GLP: yes 2013	Maize/ Corn	Ear without husk	methiocarb	3	0.01	81; 85; 97	81	97	88	9.5
				3	0.1	88; 93; 97	88	97	93	4.9
				6	overall		81	97	90	7.3
			methiocarb phenol	3	0.01	84; 86; 90	84	90	87	3.5
				3	0.1	86; 87; 90	86	90	88	2.4
				6	overall		84	90	87	2.8
			methiocarb sulfone phenole	3	0.01	99; 100; 105	99	105	101	3.2
				3	0.1	97; 99; 101	97	101	99	2
				6	overall		97	105	100	2.7
			methiocarb sulfoxide phenol	3	0.01	83; 93; 95	83	95	90	7.1
				3	0.1	98; 99; 102	98	102	100	2.1
				6	overall		83	102	95	7
			methiocarb sulfone	3	0.01	99; 106; 112	99	112	106	6.2
				3	0.1	102; 103; 105	102	105	103	1.5
				6	overall		99	112	105	4.2
			methiocarb sulfoxide	3	0.01	97; 103; 112	97	112	104	7.3
				3	0.1	106; 107; 109	106	109	107	1.4
				6	overall		97	112	106	4.9
		Green material	methiocarb	4	0.01	98; 99; 106; 106	98	106	102	4.3
				4	0.1	100; 102; 104; 104	100	104	103	1.9
				8	overall		98	106	102	3
			methiocarb phenol	4	0.01	104; 104; 105; 108	104	108	105	1.8
				4	0.1	96; 98; 98; 101	96	101	98	2.1
				8	overall		96	108	102	4.1

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Table 6.3.4-6 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
13-2050 13-2050-01-T 13-2050-02-T 13-2051 13-2051-01-T 13-2051-02-T		Green material	methiocarb sulfone phenole	4	0.01	96; 100; 104; 106	96	106	102	4.4
				4	0.1	101; 102; 103; 105	101	105	103	1.7
				8	overall		96	106	102	3.1
			methiocarb sulfoxide phenol	4	0.01	100; 103; 104; 104	100	104	103	1.8
				4	0.1	101; 103; 103; 103	101	103	103	1
				8	overall		100	104	103	1.4
			methiocarb sulfone	4	0.01	88; 101; 102; 104	88	104	99	7.4
				4	0.1	101; 103; 103; 104	101	104	103	1.2
				8	overall		88	104	101	5.2
			methiocarb sulfoxide	4	0.01	95; 101; 103; 104	95	104	101	4
				4	0.1	104; 104; 105; 109	104	109	106	2.3
				8	overall		95	109	103	3.9
		Kernel	methiocarb	3	0.01	76; 77; 77	76	77	77	0.8
				3	0.1	71; 80; 85	71	85	79	9
				6	overall		71	85	78	6
			methiocarb phenol	3	0.01	82; 85; 86	82	86	84	2.5
				3	0.1	69; 71; 81	69	81	74	8.7
				6	overall		69	86	79	9.2
			methiocarb sulfone phenole	3	0.01	93; 100; 103	93	103	99	5.2
				3	0.1	89; 90; 90	89	90	90	0.6
				6	overall		89	103	94	6.3
			methiocarb sulfoxide phenol	3	0.01	84; 87; 90	84	90	87	3.4
				3	0.1	95; 96; 97	95	97	96	1
				6	overall		84	97	92	5.8
			methiocarb sulfone	3	0.01	80; 88; 98	80	98	89	10.2
				3	0.1	88; 88; 101	88	101	92	8.1
				6	overall		80	101	91	8.5
			methiocarb sulfoxide	3	0.01	91; 97; 108	91	108	99	8.7
				3	0.1	96; 104; 105	96	105	102	4.9
				6	overall		91	108	100	6.5

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Further residue trials needed for evaluation of rotational crop residues and/or to support the derivation of a residue definition

Application to seeds (FS 500)

Rape

Report:	KCA 6.3.4/08[redacted]; 2015; M-509043-01-1
Title:	Determination of the residues of methiocarb in/on winter rape after seed treatment with Mesurol FS 500 in the United Kingdom, Germany, northern France and the Netherlands
Report No.:	13-2079
Document No.:	M-509043-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/09[redacted]; 2015; M-509040-01-1
Title:	Determination of the residues of methiocarb in/on winter rape after seed treatment with Mesurol FS 500 in Italy, southern France and Spain
Report No.:	13-2080
Document No.:	M-509040-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

In total 8 residue trials were conducted according to the target GAP of Mesurol FS 500 in rape:

Crop	Region	Application rate (g a.s./dt)	Seeding rate (kg/ha)	Calculated field rate (g a.s./ha)	Appl. mode
Rape	Europe North Europe South	1500	5	75	Seed treatment

In each region, in northern and southern Europe, 4 trials were performed. More information about the application of Mesurol FS 500 in the residue trials is given in Table 6.3.4-7 and 6.3.4-8 and in the tier I tables in the Appendix.

During the conduct of the residue trials samples of rape seed were taken at growth stage 89. (In addition samples of treated seed were taken prior sowing. The dislodgeable residues of methiocarb found on the "seed treated" ranged between 97 to 107 % of the calculated target value.

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-11.

The results of the residue analysis are summarized in Tables 6.3.4-9 to 6.3.4-10.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in any sample of rape seed.

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Conclusion

Residue trials from northern Europe (4) and from southern Europe (4) were conducted according to the target GAP performing a seed treatment application with Mesurol FS 500.

No residues of methiocarb or its metabolites can be expected in rape seeds, if Mesurol FS 500 is applied as seed treatment with 1500 g a.s./dt.

Table 6.3.4-7: Application data of residue trials with methiocarb 500 FS in winter rape in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application FL	g/ dt (a.s.)	comment
13-2079 13-2079-01 13-2079-01-T GLP: yes 2013	Rape, winter Visby	United Kingdom [redacted] Europe, North	500 FS	1540	Seeds/unit: 1500000 Seed rate: 5 kg/ha
13-2079 13-2079-02 13-2079-02-T GLP: yes 2013	Rape, winter Visby	Germany D-[redacted] Europe, North	500 FS	1550	Seeds/unit: 1500000 Seed rate: 5 kg/ha
13-2079 13-2079-03 13-2079-03-T GLP: yes 2013	Rape, winter Visby	France F[redacted] Europe, North	500 FS	1530	Seeds/unit: 1500000 Seed rate: 5 kg/ha
13-2079 13-2079-04 13-2079-04-T GLP: yes 2013	Rape, winter Visby	Netherlands NL-[redacted] Europe, North	500 FS	1530	Seeds/unit: 1500000 Seed rate: 5 kg/ha

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-8: Application data of residue trials with methiocarb 500 FS in winter rape in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	FL	Application	
				g/ dt (a.s.)	comment
13-2080 13-2080-01 13-2080-01-T GLP: yes 2013	Rape, winter Visby	Italy I-[redacted] Europe, South	500 FS	1460	Seeds/unit: 1500000 Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T GLP: yes 2013	Rape, winter Visby	Italy I-[redacted] Europe, South	500 FS	1500	Seeds/unit: 1500000 Seed rate: 5 kg/ha
13-2080 13-2080-03 13-2080-03-T GLP: yes 2013	Rape, winter Visby	France F[redacted] Europe, South	500 FS	1540	Seeds/unit: 1500000 Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T GLP: yes 2013	Rape, winter Visby	Spain E-[redacted] Europe, South	500 FS	1610	Seeds/unit: 1500000 Seed rate: 5 kg/ha

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-9: Results from residue trials with methiocarb 500 FS in winter rape conducted in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
13-2079 13-2079-01 13-2079-01-T GLP: yes 2013	seed	329	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2079 13-2079-02 13-2079-02-T GLP: yes 2013	seed	330	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2079 13-2079-03 13-2079-03-T GLP: yes 2013	seed	302	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2079 13-2079-04 13-2079-04-T GLP: yes 2013	seed	280	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-10: Results from residue trials with methiocarb 500 FS in winter rape conducted in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
13-2080 13-2080-01 13-2080-01-T GLP: yes 2013	seed	229	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2080 13-2080-02 13-2080-02-T GLP: yes 2013	seed	266	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2080 13-2080-03 13-2080-03-T GLP: yes 2013	seed	279	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2080 13-2080-04 13-2080-04-T GLP: yes 2013	seed	238	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-11: Recoveries for methiocarb and metabolites in rape seeds

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
13-2079 13-2079-01-T to 13-2079-04-T	Rape, winter	seed	methiocarb	4	0.01	68; 73; 76; 78	68	78	74	3.9
				4	0.1	77; 77; 81; 82	77	82	79	3.3
				8	overall		68	82	77	5.8
13-2080 13-2080-01-T to 13-2080-04-T			methiocarb phenol	4	0.01	82; 85; 86; 90	82	90	86	3.9
				4	0.1	72; 75; 75; 76	72	76	75	2.3
				8	overall		72	90	80	8.1
GLP: yes 2012			methiocarb sulfone phenole	4	0.01	72; 74; 88; 95	72	95	82	13.5
				4	0.1	81; 85; 86; 95	81	95	87	6.8
				8	overall		72	95	85	10.1
			methiocarb sulfoxide phenol	4	0.01	90; 90; 91; 96	90	96	92	3.1
				4	0.1	81; 81; 85; 85	81	85	83	2.8
				8	overall		81	96	87	6.0
			methiocarb sulfone	4	0.01	73; 77; 84; 86	73	86	80	7.6
				4	0.1	81; 83; 85; 86	81	86	84	2.6
				8	overall		73	86	82	5.7
			methiocarb sulfoxide	4	0.01	76; 76; 84; 85	76	85	80	6.1
				4	0.1	83; 84; 85; 87	83	87	85	2.0
				8	overall		76	87	83	5.1

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Application to soil (granular applications of methiocarb RB4).

It is expected that soil applications and seed treatment lead to a similar residue definition. Therefore residue data with methiocarb RB4 are submitted to support the residue definition for the representative use. Moreover these data are submitted as replacement of field rotational crop studies to evaluate residues in rotational crops.

Strawberries

Report:	KCA 6.3.4/10[redacted]; 2013; M-468468-01-1
Title:	Determination of the residues of methiocarb in/on strawberry after spreading of methiocarb RB 4 in Germany and northern France
Report No.:	12-2091
Document No.:	M-468468-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/11[redacted]; 2013; M-467820-01-1
Title:	Determination of the residues of methiocarb in/on strawberry after spreading of methiocarb RB 4 in Italy and southern France - RB 4 in the greenhouse in southern France and Italy
Report No.:	12-2092
Document No.:	M-467820-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

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Report:	KCA 6.3.4/12[redacted]; 2013; M-467817-01-1
Title:	Determination of the residues of methiocarb in/on strawberry after spreading of Methiocarb RB 4 in the greenhouse in southern France and Italy
Report No.:	12-2093
Document No.:	M-467817-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07 OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

In total 6 residue trials were conducted according to the target GAP of methiocarb RB 4 in strawberries:

Crop	Region	Application rate (g/ha)	No of application	Application interval	GS at last application
Strawberries	Europe North, Europe South, Greenhouse	120	2	9	BBCH 69

In each region, in northern and southern Europe as well as in the greenhouse, 2 trials were performed. More information about the application of methiocarb RB 4 in the residue trials is given in Table 6.3.4-12 to 6.3.4-14 and in the tier I tables in the Appendix.

Samples of strawberry fruit were taken at first harvest.

During the shipment of samples of the French trial (12-2092-02) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-18.

The results of the residue analysis are summarized in Tables 6.3.4-15 to 6.3.4-17.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in any sample of strawberry fruit.

Conclusion

Residue trials in northern Europe (2), in southern Europe (2) and in the greenhouse (2) were conducted according to the target GAP performing granular applications with methiocarb RB 4 to soil.

No residues of methiocarb or its metabolites above the LOQ of 0.01 mg/kg can be expected in strawberry fruits, if methiocarb RB 4 is applied as two overall spread application of 120 g a.s./ha to soil before fruit formation.

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Table 6.3.4-12: Application data of residue trials with methiocarb RB4 in strawberry in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2091 12-2091-01 12-2091-01-T GLP: yes 2012	Strawberry Elsanta; middle early variety	Germany [redacted] Europe, North	4 RB	2	6	0.120	67
12-2091 12-2091-02 12-2091-02-T GLP: yes 2012	Strawberry Mathis; Late variety	France [redacted] Europe, North	4 RB	2	7	0.120	67

FL = Formulation; GS growth stage at last applications

Table 6.3.4-13: Application data of residue trials with methiocarb RB4 in strawberry in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2092 12-2092-01 12-2092-01-T GLP: yes 2012	Strawberry Timorus	Italy I-[redacted] Europe, South	4 RB	2	7	0.120	71
12-2092 12-2092-02 12-2092-02-T GLP: yes 2012	Strawberry Gariguette; Rosacée	France [redacted] Europe, South	4 RB	2	7	0.120	65

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-14: Application data of residue trials with methiocarb RB4 in strawberry in the greenhouse

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2093 12-2093-01 12-2093-01-T GLP: yes 2012	Strawberry Dark select	France [redacted] Europe, South, G	4 RB	2	7	0.120	67
12-2093 12-2093-02 12-2093-02-T GLP: yes 2012	Strawberry Candonga	Italy I-[redacted] Europe, South, G	4 RB	2	7	0.120	71

FL = Formulation; GS growth stage at last applications; G= greenhouse.

Table 6.3.4-15: Results from residue trials with methiocarb RB4 in strawberries in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2091 12-2091-01 12-2091-01-T GLP: yes 2012	fruit	12*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2091 12-2091-02 12-2091-02-T GLP: yes 2012	fruit	41*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* samples were taken at first harvest

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Table 6.3.4-16: Results from residue trials with methiocarb RB4 in strawberries in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2092 12-2092-01 12-2092-01-T GLP: yes 2012	fruit	17*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2092 12-2092-02 12-2092-02-T GLP: yes 2012	fruit	25*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* samples were taken at first harvest

Table 6.3.4-17: Results from residue trials with methiocarb RB4 in strawberries in the greenhouse

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2093 12-2093-01 12-2093-01-T GLP: yes 2012	fruit	28*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2093 12-2093-02 12-2093-02-T GLP: yes 2012	fruit	17*	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* samples were taken at first harvest

Table 6.3.4-18: Recoveries for methiocarb and metabolites in strawberry fruit

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Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
12-2091	strawberry	fruit	methiocarb	2	0.01	95; 96	95	96	96	
12-2091-01-T				2	0.1	89; 86	86	89	88	
12-2091-02-T				4	overall		86	96	92	5.2
12-2092			methiocarb phenol	2	0.01	95; 89	89	95	92	
12-2092-01-T										
12-2092-02-T				2	0.1	82; 80	80	82	81	
				4	overall		80	95	87	7.9
12-2093			methiocarb sulfone phenole	2	0.01	101; 101	101	101	101	
12-2093-01-T										
12-2093-02-T				2	0.1	94; 95	94	95	95	
GLP: yes				4	overall		94	101	98	3.9
2012			methiocarb sulfoxide phenol	2	0.01	99; 97	97	99	98	
				2	0.1	106; 97	97	106	102	
				4	overall		97	106	100	4.3
			methiocarb sulfone	2	0.01	106; 102	102	106	104	
				2	0.1	93; 90	90	93	92	
				4	overall		90	106	98	7.7
			methiocarb sulfoxide	2	0.01	91; 91	91	91	91	
				2	0.1	103; 83	83	103	93	
				4	overall		83	103	92	9

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Potato

Report: KCA 6.3.4/13[redacted]; 2013; M-469785-01-1
Title: Determination of the residues of methiocarb in/on potato after spreading of methiocarb RB 4 in Germany and northern France
Report No.: 12-2097
Document No.: M-469785-01-1
Guideline(s): Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC

EC Guidance working document 7029/VI/95 rev.5 (1997-07-22)

OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial

US EPA OCSPP Guideline No 860.1500
Guideline deviation(s): yes, but no impact
GLP/GEP: **yes**

Report: KCA 6.3.4/14[redacted]A; 2013; M-469083-01-1
Title: Determination of the residues of methiocarb in/on potato after spreading of Methiocarb RB 4 in Spain and Italy
Report No.: 12-2098
Document No.: M-469083-01-1
Guideline(s): Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC

EC Guidance working document 7029/VI/95 rev.5 (1997-07-22)

OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial

US EPA OCSPP Guideline No 860.1500
Guideline deviation(s): yes, but no impact
GLP/GEP: **yes**

In total 4 residue trials were conducted according to the target GAP of methiocarb RB 4 in potatoes in northern (2) and southern (2) Europe:

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Potato	Europe North Europe South	120	2	7	21

More information about the application of methiocarb RB 4 in the residue trials is given in Table 6.3.4-19 and 6.3.4-20 and in the tier I tables in the Appendix.

In northern as well as southern Europe one decline and one harvest trial were performed where samples of potato tuber were collected at DALT -0, 7,14, 21 and 28 as well at DALT -0 and 21, respectively.

During the shipment of samples of the Spanish trial (12-2098-01) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated

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which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1(KCA 6.1)). In addition in trial 12-2098-01 and 12-2097-01 samples size of potato was less than the required amount of 2 kg (1.4-1.7 kg). [redacted]ver, the sample is assumed to be representative and there is no evident impact on the quality of the results of these trials as all the residues were found <LOQ.

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-23.

The results of the residue analysis are summarized in Tables 6.3.4-21 to 6.3.4-22.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in any sample of potato tuber.

Conclusion

Residue trials in northern Europe (2) and in southern Europe (2) were conducted according to the target GAP performing two granular applications with methiocarb RB 4.

No residues of methiocarb or its metabolites can be expected in potato tubers harvested for consumption, if methiocarb is applied to soil twice at the rate of 120 g a.s./ha 21 and 28 days before harvest or earlier.

Table 6.3.4-19: Application data of residue trials with methiocarb RB4 in potatoes in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application					
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2097 12-2097-01 12-2097-01-T GLP: yes 2012	Potato Belana; Waxy	Germany [redacted] Europe, North	4 RB	2	7	0.120	79 (46 tuber)	21
12-2097 12-2097-02 12-2097-02-T GLP: yes 2012	Potato Monalisa; Early variety	France [redacted] Europe, North	4 RB	2	7	0.120	46	21

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-20: Application data of residue trials with methiocarb RB4 in potatoes in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application					
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2098 12-2098-01 12-2098-01-T GLP: yes 2012	Potato Red Pontiac	Spain [redacted] Europe, South	4 RB	2	7	0.120	43	21
12-2098 12-2098-02 12-2098-02-T GLP: yes 2012	Potato Riviera	Italy [redacted] Europe, South	4 RB	2	7	0.120	47	21

FL = Formulation; GS growth stage at last application

Table 6.3.4-21: Results from residue trials with methiocarb RB4 in potatoes in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DAAT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2097 12-2097-01 12-2097-01-T GLP: yes 2012	tuber	-0 7 14 **21** 28	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.03 <0.03 <0.03 <0.03 <0.03	<0.06 <0.06 <0.06 <0.06 <0.06
12-2097 12-2097-02 12-2097-02-T GLP: yes 2012	tuber	-0 **21**	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.03 <0.03	<0.06 <0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
-0 Samples were taken on the day of the second application before the application

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Table 6.3.4-22: Results from residue trials with methiocarb RB4 in potatoes in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2098 12-2098-01 12-2098-01-T GLP: yes 2012	tuber	-0 7 14 **21** 28	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01	<0.03 <0.03 <0.03 <0.03 <0.03	<0.06 <0.06 <0.06 <0.06 <0.06
12-2098 12-2098-02 12-2098-02-T GLP: yes 2012	tuber	-0 **21**	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.03 <0.03	<0.06 <0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
-0 Samples were taken on the day of the second application before the application

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Table 6.3.4-23: Recoveries for methiocarb and metabolites in potato tuber

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2097 12-2097-01-T	Potato	tuber	methiocarb	4	0.01	86; 86; 82; 82	82	86	84	2.4
12-2097-02-T				4	0.1	81; 83; 82; 85	81	85	83	2.1
and				8	overall		81	86	84	2.3
12-2098 12-2098-01-T			methiocarb phenol	4	0.01	61; 64; 70; 76; 73	61	76	69	9
12-2098-02-T				4	0.1	71; 68; 70; 74	68	74	71	3.5
GLP: yes 2012				9	overall		61	76	70	6.8
			methiocarb sulfone phenole	4	0.01	93; 83; 96; 104	83	104	94	9.2
				4	0.1	94; 100; 99; 99	94	100	98	2.8
				8	overall		83	104	96	6.6
			methiocarb sulfoxide phenol	4	0.01	108; 109; 98; 105	98	109	105	4.7
				4	0.1	99; 98; 100; 105	98	105	101	3.1
				8	overall		98	109	103	4.4
			methiocarb sulfone	4	0.01	94; 97; 83; 72	72	97	87	13.2
				4	0.1	82; 77; 93; 89	77	93	85	8.4
				8	overall		72	97	86	10.3
			methiocarb sulfoxide	4	0.01	92; 103; 85; 86	85	103	92	9
				4	0.1	100; 93; 98; 104	93	104	99	4.6
				8	overall		85	104	95	7.7

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Tomato

Report:	KCA 6.3.4/15[redacted]; 2013; M-469663-01-1
Title:	Determination of the residues of methiocarb in/on tomato after spreading and incorporation of methiocarb RB 4 in Spain and Italy
Report No.:	12-2099
Document No.:	M-469663-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

Two residue trials were conducted according to the target GAP of methiocarb RB 4 in tomatoes in southern Europe:

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Tomato	Europe South	120	2	14	65

More information about the application of methiocarb RB 4 in the residue trials is given in Table 6.3.4-24 and in the tier I tables in the Appendix.

Samples of tomato were taken at harvest (BBCH 85-89) 62-65 days after the last application.

During the shipment of samples of the Spanish trial (12-2099-01) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-26.

The results of the residue analysis are summarized in Table 6.3.4-25.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in tomato fruits.

Conclusion

Residue trials in southern Europe (2) were conducted according to the target GAP performing two granular application with methiocarb RB 4.

No residues of methiocarb or its metabolites can be expected in tomato fruits ripe for consumption, if methiocarb RB 4 is applied twice as an overall spread application to soil at a rate of 120 g a.s./ha with the last application conducted not later than 65 days before harvest.

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Table 6.3.4-24: Application data of residue trials with methiocarb RB4 in tomato in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2099 12-2099-01 12-2099-01-T GLP: yes 2012	Tomato 3402; industrial tomato	Spain [redacted] Europe, South	4 RB	2	14	0.120	68
12-2099 12-2099-02 12-2099-02-T GLP: yes 2012	Tomato Dolmen; Industrial	Italy [redacted] Europe, South	4 RB	2	14	0.120	61

FL = Formulation; GS growth stage at last application

Table 6.3.4-25: Residue from residue trials with methiocarb RB4 in tomatoes in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2099 12-2099-01 12-2099-01-T GLP: yes 2012	fruit	89	62	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2099 12-2099-02 12-2099-02-T GLP: yes 2012	fruit	85	65	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
GS: Growth stage (BBCH)

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Table 6.3.4-26: Recoveries for methiocarb and metabolites in tomato fruit

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2099 12-2099-01-T 12-2099-02-T GLP: yes 2012	tomato	fruit	methiocarb	4	0.01	98; 101; 109; 118	98	118	107	8.4
				4	0.1	100; 101; 106; 111	100	111	105	4.8
				8	overall		98	118	106	6.5
			methiocarb phenol	4	0.01	92; 95; 96; 97	92	97	95	2.3
				4	0.1	91; 93; 93; 96	91	96	93	2.2
				8	overall		91	97	94	2.3
			methiocarb sulfone phenole	4	0.01	98; 103; 104; 106	98	106	103	3.3
				4	0.1	94; 95; 100; 101	94	101	98	3.6
				8	overall		94	106	100	4.3
			methiocarb sulfoxide phenol	4	0.01	102; 106; 109; 113	102	113	108	4.3
				4	0.1	93; 94; 107; 109	93	109	101	8.4
				8	overall		93	113	104	7
			methiocarb sulfone	4	0.01	104; 105; 107; 114	104	114	108	4.2
				4	0.1	98; 101; 101; 102	98	102	101	1.7
				8	overall		98	114	104	4.7
			methiocarb sulfoxide	4	0.01	91; 95; 101; 108	91	108	99	7.5
				4	0.1	95; 97; 95; 97	95	97	96	1.2
				8	overall		91	108	97	5.3

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Cauliflower

Report:	KCA 6.3.4/16[redacted]; [redacted]; 2013; M-471192-01-1
Title:	Determination of the residues of methiocarb in/on cauliflower after spreading of methiocarb RB 4 in the United Kingdom and Germany
Report No.:	12-2087
Document No.:	M-471192-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/17[redacted]X; [redacted]; 2013; M-471232-01-1
Title:	Determination of the residues of methiocarb in/on cauliflower after spreading of methiocarb RB 4 in Italy and southern France
Report No.:	12-2088
Document No.:	M-471232-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22), OECD 509 Adopted 2009-09-07 OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

4 residue trials were conducted according to the target GAP of methiocarb RB 4 in/on cauliflower in northern (2) and southern Europe (2):

Crop	Region	Application rate (g/ha)	No of application	Application interval	GS at last application
Cauliflower	Europe North Europe South	120	2	7	Just before head formation (BBCH 19/41)

More information about the application of methiocarb RB 4 in the residue trials is given in Tables 6.3.4-27 and 6.3.4-28 and in the tier I tables in the Appendix.

Samples of cauliflower were taken at harvest (BBCH 49).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD≤20%). They are shown in Table 6.3.4-31.

The results of the residue analysis are summarized in Table 6.3.4-29 and Table 6.3.4-30.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in samples of cauliflower curd taken at harvest.

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Conclusion

Residue trials in northern (2) and southern Europe (2) were conducted according to the target GAP performing two granular applications with methiocarb RB 4 to soil.

No residues of methiocarb or its metabolites can be expected in cauliflower curd if methiocarb RB 4 is applied as an overall spread application twice at a rate of 120 g a.s./ha with the last application just before head formation.

Table 6.3.4-27: Application data of residue trials with methiocarb RB4 in cauliflower in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2087 12-2087-01 12-2087-01-T GLP: yes 2012	Cauliflower Ness	United Kingdom GB-[redacted] Europe, North	4 RB	2	7	0.120	19
12-2087 12-2087-02 12-2087-02-T GLP: yes 2012	Cauliflower Fremont	Germany D-[redacted] Europe, North	4 RB	2	6	0.120	19

FL = Formulation; GS growth stage at last applications

Table 6.3.4-28: Application data of residue trials with methiocarb RB4 in cauliflower in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2088 12-2088-01 12-2088-01-T GLP: yes 2012	Cauliflower Delfino Bio	Italy I-[redacted] Europe, South	4 RB	2	7	0.120	41
12-2088 12-2088-02 12-2088-02-T GLP: yes 2012	Cauliflower Fremont TI	France F-[redacted] Europe, South	4 RB	2	6	0.120	41

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-29: Results from residue trials with methiocarb RB4 in cauliflowers in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2087 12-2087-01 12-2087-01-T GLP: yes 2012	curd	49	49	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2087 12-2087-02 12-2087-02-T GLP: yes 2012	curd	49	28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
GS: Growth stage (BBCH)

Table 6.3.4-30: Results from residue trials with methiocarb RB4 in cauliflowers in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2088 12-2088-01 12-2088-01-T GLP: yes 2012	curd	49	16	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2088 12-2088-02 12-2088-02-T GLP: yes 2012	curd	49	14	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
GS: Growth stage (BBCH)

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Table 6.3.4-31: Recoveries for methiocarb and metabolites in cauliflower

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2087 12-2087-01-T 12-2087-02-T 12-2088 12-2088-01-T 12-2088-02-T GLP: yes 2012	cauli-flower	curd	methiocarb	4	0.01	92; 94; 91; 88	88	94	91	2.7
				5	0.1	105; 88; 99; 96; 97	88	105	97	6.3
				9	overall		88	105	94	5.8
			methiocarb phenol	4	0.01	106; 92; 87; 96	87	106	96	8.3
				5	0.1	102; 99; 105; 104; 101	99	105	102	2.3
				9	overall		87	106	99	6.3
			methiocarb sulfone phenole	4	0.01	91; 87; 97; 95	87	97	93	4.8
				5	0.1	101; 100; 107; 107; 104	100	107	104	3.2
				9	overall		87	107	99	7
			methiocarb sulfoxide phenol	4	0.01	86; 73; 94; 94	73	94	87	11.4
				5	0.1	95; 97; 101; 103; 102	95	103	100	3.4
				9	overall		73	103	94	10
			methiocarb sulfone	4	0.01	77; 103; 89; 100	77	103	92	12.8
				5	0.1	85; 82; 103; 103; 109	82	109	96	12.5
				9	overall		77	109	95	12.1
			methiocarb sulfoxide	4	0.01	83; 102; 79; 103	79	103	92	13.7
				5	0.1	85; 86; 103; 103; 111	85	111	98	11.8
				9	overall		79	111	95	12.2

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Cabbage

Report: KCA 6.3.4/18[redacted]; [redacted]; 2013; M-474255-01-1
Title: Determination of the residues of methiocarb in/on red and white cabbage after spreading of methiocarb RB 4 in the United Kingdom and Germany
Report No.: 12-2089
Document No.: M-474255-01-1
Guideline(s): Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC
EC Guidance working document 7029/VI/95 rev.5 (1997-07-22)
OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial
US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s): none
GLP/GEP: **yes**

Report: KCA 6.3.4/19[redacted]; [redacted]; 2013; M-469779-01-1
Title: Determination of the residues of methiocarb in/on red and white cabbage after spreading of methiocarb RB 4 in Italy and southern France
Report No.: 12-2090
Document No.: M-469779-01-1
Guideline(s): Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC

EC Guidance working document 7029/VI/95 rev.5 (1997-07-22)

OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial

US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s): yes, but no impact
GLP/GEP: **yes**

4 residue trials were conducted according to the target GAP of methiocarb RB 4 in/on cabbage in northern (2) and southern Europe (2):

Crop	Region	Application rate (g/ha)	No of application	Application interval
Cabbage	Europe North, Europe South	120	2	7

Application remark: the second application has to be done before BBCH 41 (before head formation)

More information about the application of methiocarb RB 4 in the residue trials is given in Tables 6.3.4-32 and 6.3.4-33 and in the tier I tables in the Appendix.

Samples of cauliflower were taken at harvest (BBCH 49).

During the shipment of samples of the Italian trial (12-2091-01) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

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Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-36.

The results of the residue analysis are summarized in Table 6.3.4-34 and Table 6.3.4-35.

No residues above the LOQ of 0.01 mg/kg for each analyte were determined in samples of cabbage head collected at harvest with the exception of one southern European trial, where residues of methiocarb, parent compound, were found at 0.021 mg/kg resulting in 0.041 and 0.071 mg/kg for the total residue methiocarb and the total residue methiocarb including phenol, respectively.

Conclusion

Residue trials in northern (2) and southern Europe (2) were conducted according to the target GAP performing a granular application (overall spread application) with methiocarb RB 4.

No residues above the LOQof 0.01 mg/kg for each analyte were found in cauliflower curds at harvest in 3 out of 4 trials. The low residue of the parent compound (0.021 mg/kg) in cauliflower curds from trials 12-1209-01 is considered to be due to an occasional contamination of the crop during the application. The parent compound, methiocarb, cannot be found on the plant after the application. Residues taken up from soil by the roots do not contain methiocarb (see confined rotational crop study).

Table 6.3.4-32: Application data of residue trials with methiocarb RB 4 in cabbage in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2089 12-2089-01 12-2089-01-T GLP: yes 2012	Cabbage, red Ruby Perfection	United Kingdom GB-[redacted] Europe, North	4 RB	2	7	0.120	41
12-2089 12-2089-02 12-2089-02-T GLP: yes 2012	Cabbage, white Castello	Germany D-[redacted] Europe, North	4 RB	2	7	0.120	41

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-33: Application data of residue trials with methiocarb RB 4 in cabbage in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2090 12-2090-01 12-2090-01-T GLP: yes 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	Italy [redacted] Europe, South	4 RB	2	8	0.120	41
12-2090 12-2090-02 12-2090-02-T GLP: yes 2012	Cabbage, white Mozart	France [redacted] Europe, South	4 RB	2	7	0.120	49

FL = Formulation; GS growth stage at last applications

Table 6.3.4-34: Residue from residue trials with methiocarb RB 4 in cabbage in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulfoxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2089 12-2089-01 12-2089-01-T GLP: yes 2012	head	72	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2089 12-2089-02 12-2089-02-T GLP: yes 2012	head	42	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-35: Residue from residue trials with methiocarb RB 4 in cabbage in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2090 12-2090-01 12-2090-01-T GLP: yes 2012	head	39	0.021	<0.01	<0.01	<0.01	<0.01	<0.01	0.041	<0.071
12-2090 12-2090-02 12-2090-02-T GLP: yes 2012	head	27	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-36: Recoveries for methiocarb and metabolites in cabbage

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
13-2080 13-2080-01-T 13-2080-02-T 12-2090 12-2090-01-T 12-2090-02-T GLP: yes 2012	Cabbage	head	methiocarb	5	0.01	92; 106; 97; 89; 84	84	106	94	9
				3	0.1	71; 82; 75	71	82	76	7.3
				8	overall		71	106	87	13.2
			methiocarb phenol	5	0.01	93; 95; 96; 97; 102	93	102	97	3.5
				3	0.1	97; 98; 97	97	98	97	0.6
				8	overall		93	102	97	2.7
			methiocarb sulfone phenole	5	0.01	113; 107; 108; 103; 99	99	113	106	5.0
				3	0.1	95; 96; 95	95	96	95	0.6
				8	overall		95	113	102	6.7
			methiocarb sulfoxide phenol	5	0.01	95; 105; 76; 97; 99	76	105	94	11.6
				3	0.1	93; 95; 94	93	95	94	1.1
				8	overall mg/kg		76	105	94	8.8
			methiocarb sulfone	5	0.01	97; 102; 103; 97; 102	97	103	100	2.9
				3	0.1	97; 100; 99	97	100	99	1.5
				8	overall mg/kg		97	103	100	2.5
			methiocarb sulfoxide	5	0.01	84; 97; 110; 98; 106	84	110	99	10.1
				3	0.1	109; 108; 109	108	109	109	0.5
				8	overall		84	110	103	8.8

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Lettuce

Report:	KCA 6.3.4/20[redacted]; [redacted]; 2013; M-471229-01-1
Title:	Determination of the residues of methiocarb in/on lettuce (loose leaf variety) after spreading of methiocarb RB 4 in Germany and Belgium
Report No.:	12-2095
Document No.:	M-471229-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22), OECD 509 Adopted 2009-09-07 OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/22[redacted]; [redacted]; 2014; M-479653-01-1
Title:	Determination of the residues of methiocarb in/on lettuce (loose leaf variety) after spreading of methiocarb RB 4 in the greenhouse in Italy and southern France
Report No.:	12-2094
Document No.:	M-479653-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/24[redacted]; 2013; M-471204-01-1
Title:	Determination of the residues of methiocarb in/on lettuce (loose leaf variety) after spreading of methiocarb RB 4 in Italy and Spain
Report No.:	12-2096
Document No.:	M-471204-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

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6 residue trials were conducted according to the target GAP of methiocarb RB 4 in/on lettuce in northern (2) and southern Europe (2) as well as in greenhouse (2):

Crop	Region	Application rate (g/ha)	No of application	Application interval
Lettuce	Europe North, Europe South, Greenhouse	120	2	7

Application remark: the second application should be performed at BBCH 19 (just before head development)

More information about the application of methiocarb RB 4 in the residue trials is given in Tables 6.3.4-37 to 6.3.4-39 and in the tier I tables in the Appendix.

Samples of lettuce were taken at harvest (BBCH 49).

During the shipment of samples of the Spanish trial (12-2096-02) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-43.

The results of the residue analysis are summarized in Table 6.3.4-40 to Table 6.3.4-42.

No residues above the LOQ of 0.01 mg/kg for each analyte were determined in samples of lettuce head collected at harvest with the exception of one trial performed in the greenhouse, where residues of methiocarb sulfone phenol were found at 0.013 mg/kg resulting in 0.077 mg/kg for the total residue methiocarb including phenol.

Conclusion

Residue trials in northern (2) and southern Europe (2) as well as in greenhouse (2) were conducted according to the target GAP performing two overall spred applications to soil with methiocarb RB 4.

When methiocarb RB 4 is applied in the field in southern and northern Europe twice at a rate of 120 g a.s./ha with the last application just before head formation, no residues of methiocarb in lettuce heads can be expected at harvest. In one of the two greenhouse trials, low amounts of methiocarb sulfoxide phenol (0.024 mg/kg) and methiocarb sulfone phenol (0.013 mg/kg) were found. These residues may result from a contamination of lettuce with the granules during the application or from an uptake of methiocarb residues in greenhouse lettuce via soil. It seems to be more likely due to a contamination as residues appear only occasionally.

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Table 6.3.4-37: Application data of residue trials with methiocarb RB4 in lettuce, leaf in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2095 12-2095-01 12-2095-01-T GLP: yes 2012	Lettuce, leaf Aleppo; lollo bionda	Germany [redacted] Europe, North	4 RB	2	7	0.120	19
12-2095 12-2095-02 12-2095-02-T GLP: yes 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	Belgium [redacted] Europe, North	4 RB	2	7	0.120	19

FL = Formulation; GS growth stage at last applications

Table 6.3.4-38: Application data of residue trials with methiocarb RB4 in lettuce, leaf in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2096 12-2096-01 12-2096-01-T GLP: yes 2012	Lettuce, leaf Canasta; Loose leaf variety	Italy I-[redacted] Europe, South	4 RB	2	7	0.120	19
12-2096 12-2096-02 12-2096-02-T GLP: yes 2012	Lettuce, leaf Mulfred 55; loose leaf variety	Spain [redacted] Europe, South	4 RB	2	7	0.120	19

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-39: Application data of residue trials with methiocarb RB4 in lettuce, leaf in the greenhouse

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2094 12-2094-01 12-2094-01-T GLP: yes 2012	Lettuce, leaf Satine; loose leaf variety	Italy I-[redacted] Europe, South, G	4 RB	2	7	0.120	19
12-2094 12-2094-02 12-2094-02-T GLP: yes 2012	Lettuce, leaf Fogo; Lollo rosso	France [redacted] Europe, South, G	4 RB	2	7	0.120	19

FL = Formulation; GS growth stage at last applications; G= greenhouse.

Table 6.3.4-40: Residue from residue trials with methiocarb RB4 in lettuce, leaf in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2095 12-2095-01 12-2095-01-T GLP: yes 2012	head	49	28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2095 12-2095-02 12-2095-02-T GLP: yes 2012	head	49	29	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-41: Residue from residue trials with methiocarb RB4 in lettuce, leaf in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2096 12-2096-01 12-2096-01-T GLP: yes 2012	head	49	36	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2096 12-2096-02 12-2096-02-T GLP: yes 2012	head	49	41	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

Table 6.3.4-42: Residue from residue trials with methiocarb RB4 in lettuce, leaf in the greenhouse

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	(a)	(b)
12-2094 12-2094-01 12-2094-01-T GLP: yes 2012	head	49	33	<0.01	<0.01	<0.01	<0.01	0.024	0.013	<0.03	0.077
12-2094 12-2094-02 12-2094-02-T GLP: yes 2012	head	49	31	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-43: Recoveries for methiocarb and metabolites in lettuce, leaf

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2094 12-2094-01-T 12-2094-02-T	Lettuce, leaf	head	methiocarb	2	0.01	80; 87	80	87	84	
				2	0.1	93; 97	93	97	95	
				4	overall		80	97	89	8.2
12-2095 12-2095-01-T 12-2095-02-T			methiocarb phenol	2	0.01	70; 76	70	76	73	
				3	0.1	87; 91; 80	80	91	86	6.5
				5	overall		70	91	81	10.4
12-2096 12-2096-01-T 12-2096-02-T			methiocarb sulfone phenol	2	0.01	106; 99	99	106	103	
				3	0.1	98; 96; 79	79	98	91	11.5
GLP: yes 2012				5	overall		79	106	96	10.5
			methiocarb sulfoxide phenol	2	0.01	104; 98	98	104	101	
				3	0.1	100; 97; 120	97	120	106	11.8
				5	overall		97	120	104	9.1
			methiocarb sulfone	2	0.01	108; 100	100	108	104	
				2	0.1	104; 109	104	109	107	
				4	overall		100	109	105	3.9
			methiocarb sulfoxide	2	0.01	118; 112	112	118	115	
				2	0.1	108; 103	103	108	106	
				4	overall		103	118	110	5.8

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Globe artichokes

Report:	KCA 6.3.4/23[redacted],;[redacted]; 2013; M-471223-01-1
Title:	Determination of the residues of methiocarb in/on artichoke after spreading of methiocarb RB 4 in Italy
Report No.:	12-2106
Document No.:	M-471223-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No.860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

2 residue trials were conducted according to the target GAP of methiocarb RB 4 in/on globe artichoke in southern Europe:

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Globe artichoke	Europe South	150	2	60	14

Application remark: the applications are done as band application where the formulation is localized between the plant rows. The application rate is related to the total plot size.

More information about the application of methiocarb RB 4 in the residue trials is given in Table 6.3.4-44 and in the tier I tables in the Appendix.

Samples of globe artichoke flower head were taken at harvest (BBCH 49).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-46.

The results of the residue analysis are summarized in Table 6.3.4-45.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in samples of globe artichoke flower head.

Conclusion

Residue trials in southern Europe (2) were conducted according to the target GAP performing two granular application of methiocarb RB 4 to the soil.

No residues of methiocarb or its metabolites can be expected in globe artichoke flower head, if methiocarb RB 4 is applied twice at a rate of 150 g a.s./ha 76 and 14 days before harvest.

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Table 6.3.4-44: Application data of residue trials with methiocarb RB4 in artichoke in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application					
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2106 12-2106-01 12-2106-01-T GLP: yes 2012	Artichoke Violetto	Italy [redacted] Europe, South	4 RB	2	60	0.150	44	14
12-2106 12-2106-02 12-2106-02-T GLP: yes 2012	Artichoke Violetto Pugliese	Italy [redacted] Europe, South	4 RB	2	60	0.150	21	14

FL = Formulation; GS growth stage at last application

Table 6.3.4-45: Results from residue trials with methiocarb RB4 in artichoke in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DAT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2106 12-2106-01 12-2106-01-T GLP: yes 2012	flower head	**14**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2106 12-2106-02 12-2106-02-T GLP: yes 2012	flower head	**14**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-46: Recoveries for methiocarb and metabolites in artichoke

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2106 12-2106-01-T 12-2106-02-T GLP: yes 2012	artichoke	flower head	methiocarb	5	0.01	90; 88; 84; 83; 95	83	95	88	3.5
				3	0.1	94; 83; 78	78	94	85	9.6
				8	overall		78	95	87	6.8
			methiocarb phenol	5	0.01	106; 102; 106; 107; 101	101	107	104	2.6
				3	0.1	98; 99; 98	98	99	98	0.6
				8	overall		98	107	102	3.7
			methiocarb sulfone phenole	5	0.01	101; 100; 100; 100; 101	100	101	100	0.5
				3	0.1	100; 100; 100	100	100	100	0
				8	overall		100	101	100	0.5
			methiocarb sulfoxide phenol	5	0.01	103; 100; 100; 99; 102	99	103	101	1.6
				3	0.1	100; 102; 102	100	102	101	1.1
				8	overall		99	103	101	1.4
			methiocarb sulfone	5	0.01	104; 100; 99; 103; 96	96	104	100	3.2
				3	0.1	106; 107; 102	102	107	105	2.5
				8	overall		96	107	102	3.6
			methiocarb sulfoxide	5	0.01	104; 106; 106; 106; 107	104	107	106	1
				3	0.1	103; 110; 109	103	110	107	3.5
				8	overall		103	110	106	2.2

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Rape

Report:	KCA 6.3.4/24[redacted]; 2013; M-471157-01-1
Title:	Determination of the residues of methiocarb in/on winter rape after spreading of methiocarb RB 4 in the United Kingdom and northern France
Report No.:	12-2108
Document No.:	M-471157-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/25[redacted]; 2015; M-514175-01-1
Title:	Determination of the residues of methiocarb in/on winter rape after spreading of methiocarb RB 4 in the United Kingdom and Belgium
Report No.:	13-2064
Document No.:	M-514175-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/26[redacted]Ä; 2013; M-471170-01-1
Title:	Determination of the residues of methiocarb in/on winter rape after spreading of methiocarb RB 4 in Italy and southern France
Report No.:	12-2140
Document No.:	M-471170-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

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Report:	KCA 6.3.4/27[redacted]; [redacted]; 2015; M-513335-02-1
Title:	Determination of the residues of methiocarb in/on winter rape after spreading of methiocarb RB 4 in Italy and southern France - Amendment no. 1
Report No.:	13-2065
Document No.:	M-513335-02-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Altogether, 8 residue trials were conducted according to the target GAP of methiocarb RB 4 in rape in northern (4) and southern Europe (4):

Crop	Region	Application rate (g/ha)	No of application	Application interval	GS at last application (BBCH)
Rape	Europe North and South	120	2	7	30

More information about the application of methiocarb RB 4 in the residue trials is given in Tables 6.3.4-47 to 6.3.4-49 and in the tier 1 tables in the Appendix.

Samples of rape seeds were taken at harvest.

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-51.

The results of the residue analysis are summarized in Tables 6.3.4-49 and 6.3.4-50.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in samples of rape seed.

Conclusion

Residue trials in southern Europe (2) were conducted according to the target GAP performing two overall spread application with methiocarb RB 4 to the soil.

No residues of methiocarb or its metabolites can be expected in rape seed, if methiocarb RB 4 is applied twice at a rate of 120 g a.s./ha with the last application at or before BBCH 30.

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Table 6.3.4-47: Application data of residue trials with methiocarb RB 4 in winter rape in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2108 12-2108-01 12-2108-01-T GLP: yes 2012	Rape, winter DK Cabernet	United Kingdom GB-[redacted] Europe, North	4 RB	2	7	0.120	30
12-2108 12-2108-02 12-2108-02-T GLP: yes 2012	Rape, winter Dynastie; hybrid 00	France F-[redacted] Europe, North	4 RB	2	7	0.120	30
13-2064 13-2064-01 13-2064-01-T GLP: yes 2013	Rape, winter DK Camelot, Typical UK, Conventional	United Kingdom [redacted] Europe, North	4 RB	2	12	0.120	30
13-2064 13-2064-02 13-2064-02-T GLP: yes 2013	Rape, winter Dynastie, Highly productive hybrid	Belgium [redacted] Europe, North	4 RB	2	5	0.120	30

FL = Formulation; GS growth stage at last application

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Table 6.3.4-48: Application data of residue trials with methiocarb RB4 in winter rape in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2140 12-2140-01 12-2140-01-T GLP: yes 2012	Rape, winter Hybristar	Italy I-[redacted] Europe, South	4 RB	2	7	0.120	30
12-2140 12-2140-02 12-2140-02-T GLP: yes 2012	Rape, winter Catalina	France [redacted] Europe, South	4 RB	2	7	0.120	30
13-2065 13-2065-01 13-2065-01-T GLP: yes 2013	Rape, winter Hybristar	Italy [redacted] (BT) Europe, South	4 RB	2	6	0.120	30
13-2065 13-2065-02 13-2065-02-T GLP: yes 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	France [redacted] Europe, South	4 RB	2	7	0.120	30

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-49: Results from residue trials with methiocarb RB4 in winter rape in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2108 12-2108-01 12-2108-01-T GLP: yes 2012	seed	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2108 12-2108-02 12-2108-02-T GLP: yes 2012	seed	140	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2064 13-2064-01 13-2064-01-T GLP: yes 2013	seed	142	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2064 13-2064-02 13-2064-02-T GLP: yes 2013	seed	136	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone,

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Table 6.3.4-50: Results from residue trials with methiocarb RB4 in winter rape in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2140 12-2140-01 12-2140-01-T GLP: yes 2012	seed	87	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2140 12-2140-02 12-2140-02-T GLP: yes 2012	seed	131	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2065 13-2065-01 13-2065-01-T GLP: yes 2013	seed	88	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2065 13-2065-02 13-2065-02-T GLP: yes 2013	seed	120	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-51: Recoveries for methiocarb and metabolites in rape seed

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2108 12-2108-01-T 12-2108-02-T	Rape, winter	seed	methiocarb	10	0.01	68; 73; 75; 76; 77; 78; 78; 87; 94; 97	68	97	80	11.6
13-2064 13-2064-01-T 13-2064-02-T				6	0.1	77; 77; 81; 82; 90; 101	77	101	85	11
				16	overall		68	101	82	11.3
12-2140 12-2140-01-T 12-2140-02-T			methiocarb phenol	10	0.01	82; 83; 85; 85; 86; 86; 88; 90; 92; 97	82	97	87	5.2
13-2065 13-2065-01-T 13-2065-02-T				6	0.1	72; 75; 75; 76; 89; 101	72	101	81	13.9
				16	overall		72	101	85	9.4
GLP: yes 2012			methiocarb sulfone phenol	10	0.01	72; 74; 78; 81; 83; 88; 93; 95; 95; 103	72	103	86	11.9
				6	0.1	79; 81; 85; 86; 90; 95	79	95	86	6.8
				16	overall		72	103	86	10
			methiocarb sulfoxide phenol	10	0.01	85; 86; 88; 90; 90; 91; 96; 100; 106; 111	85	111	94	9.3
				6	0.1	80; 81; 81; 82; 85; 85	80	85	82	2.6
				16	overall		80	111	90	10.2
			methiocarb sulfone	10	0.01	70; 73; 76; 77; 82; 84; 86; 96; 97; 101	70	101	84	12.8
				6	0.1	81; 83; 85; 86; 91; 106	81	106	89	10.3
				16	overall		70	106	86	11.8
			methiocarb sulfoxide	10	0.01	76; 76; 79; 82; 84; 85; 85; 99; 101; 105	76	105	87	12.2
				6	0.1	83; 84; 85; 87; 94; 100	83	100	89	7.6
				16	overall		76	105	88	10.4

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Wheat

Report:	KCA 6.3.4/28[redacted]; [redacted]; 2014; M-478851-01-1
Title:	Determination of the residues of methiocarb in/on wheat after spreading of methiocarb RB 4 in the United Kingdom and northern France
Report No.:	12-2104
Document No.:	M-478851-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

Report:	KCA 6.3.4/29[redacted]; 2014; M-496098-01-1
Title:	Determination of the residues of methiocarb in/on wheat after spreading of methiocarb RB 4 in United Kingdom and Germany
Report No.:	13-2066
Document No.:	M-496098-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/30[redacted]; [redacted]; 2014; M-481331-01-1
Title:	Determination of the residues of methiocarb in/on wheat after spreading of methiocarb RB 4 in Italy and southern France
Report No.:	12-2105
Document No.:	M-481331-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

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Report:	KCA 6.3.4/31[redacted]; 2014; M-496096-01-1
Title:	Determination of the residues of methiocarb in/on wheat after spreading of methiocarb RB 4 in Italy and Spain
Report No.:	13-2067
Document No.:	M-496096-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/32[redacted]D; 2014; M-504075-01-1
Title:	Determination of the residues of methiocarb in/on wheat, straw after spreading of methiocarb RB 4 - Reanalysis of straw samples of studies 12-2104 and 12-2105 at a LOQ of 0.01 mg/kg
Report No.:	MR-14/070
Document No.:	M-504075-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/33[redacted]; 2014; M-504785-01-1
Title:	Analysis of the unconjugated phenol metabolites methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol in plant samples
Report No.:	MR-14/106
Document No.:	M-504785-01-1
Guideline(s):	not specified
Guideline deviation(s):	not specified
GLP/GEP:	**yes**

Altogether 8 residue trials were conducted according to the target GAP of methiocarb RB 4 in/on wheat in northern (4) and southern Europe (4).

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Wheat	Europe North, Europe South	120	2	7	80

More information about the application of methiocarb RB 4 in the residue trials is given in Tables 6.3.4-52 and 6.3.4-53 and in the tier I tables in the Appendix.

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In all trials samples of wheat grain and straw were taken at BBCH 89 while in two trials in addition samples of green material were taken at harvest of forage (BBCH 75).

During the shipment of samples of the French trial (12-2104-02) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1 (KCA 6.1).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Tables 6.3.4-56.

The results of the residue analysis are summarized in Table 6.3.4-54 and 6.3.4-55.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in samples of wheat grain sampled at harvest and wheat green material sampled at BBCH 75.

No residues above the LOQ for each analyte were determined in straw samples from five trials. In wheat straw from only two northern European and one southern European residue trials very low residues of methiocarb sulfoxide phenol (0.01-0.022 mg/kg) and methiocarb sulfone phenol (0.017 mg/kg) were found.

The straw samples which containe residues of the phenol metabolites were re-extracted and re-analysed omitting the hydrolysis step ([redacted], 2014, M-504785-01-1). This means that only the unconjugated phenol metabolites are detected, whereas during the first analysis the sum of free and conjugated phenol metabolites was measured. The results of both analyses are presented below. The residue level in straw of both analyses is comparable. The results show that the phenol residues in wheat straw are mainly composed of the unconjugated phenol metabolites.

Trial no.	Sample material	methiocarb phenol [mg/kg]	methiocarb sulfoxide phenol [mg/kg]	methiocarb sulfone phenol [mg/kg]	methiocarb phenol [mg/kg]	methiocarb sulfoxide phenol [mg/kg]	methiocarb sulfone phenol [mg/kg]
		Re-analysis without hydrolysis by incubation with beta-glucosidase			Analysis with hydrolysis by incubation with beta-glucosidase, see Tables 6.3.4-54 and 55		
12-2104-02	straw	< 0.01	0.022	0.016	< 0.01	0.022	0.017
12-2105-01	straw	0.01	0.010	< 0.01	< 0.01	0.012	< 0.01
13-2066-02	straw	0.01	0.010	0.013	< 0.01	0.010	< 0.01

Conclusion

Residue trials in northern (4) and southern Europe (4) were conducted according to the target GAP performing a granular application with methiocarb RB 4.

No residues of methiocarb or its metabolites can be expected in wheat grain and forage, if methiocarb RB 4 is applied twice at a rate of 120 g a.s./ha with the last application at least 80 days before harvest. In samples of wheat straw very low residues of unconjugated methiocarb sulfoxide phenol (0.01-0.022 mg/kg) and methiocarb sulfone phenol (0.017 mg/kg) may be found occasionally. These residues result from a contamination of the crop during the application or from an uptake of residues from soil.

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Table 6.3.4-52: Application data of residue trials with methiocarb RB4 in wheat in northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	FL	Application				
				No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2104 12-2104-01 12-2104-01-T GLP: yes 2012	Wheat Consort	United Kingdom [redacted] Europe, North	4 RB	2	7	0.120	32	90
12-2104 12-2104-02 12-2104-02-T GLP: yes 2012	Wheat Altigo	France [redacted] Europe, North	4 RB	2	7	0.120	32	90
13-2066 13-2066-01 13-2066-01-T GLP: yes 2013	Wheat KWS Target; [redacted] Wheat – Soft	United Kingdom [redacted] Europe, North	4 RB	2	7	0.120	37	80
13-2066 13-2066-02 13-2066-02-T GLP: yes 2013	Wheat Winnetou; Winter wheat	Germany [redacted] Europe, North	4 RB	2	7	0.120	31	80

FL = Formulation; GS = growth stage (BBCH code) at last application; PHI = pre-harvest interval

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Table 6.3.4-53: Application data of residue trials with methiocarb RB4 in wheat in southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	FL	Application				
				No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2105 12-2105-01 12-2105-01-T GLP: yes 2012	Wheat Mieti	Italy [redacted] Europe, South	4 RB	2	6	0.120	32	75
12-2105 12-2105-02 12-2105-02-T GLP: yes 2012	Wheat Arezzo	France [redacted] Europe, South	4 RB	2	6	0.120	32	79
13-2067 13-2067-01 13-2067-01-T GLP: yes 2013	Wheat Serio; Winter wheat	Italy [redacted] Europe, South	4 RB	2	7	0.120	33	78
13-2067 13-2067-02 13-2067-02-T GLP: yes 2013	Wheat Catedral; winter wheat	Spain [redacted] Europe, South	4 RB	2	9	0.120	39	80

FL = Formulation; GS = growth stage (BBCH code) at last application; PHI = pre-harvest interval

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Table 6.3.4-54: Results from residue trials with methiocarb RB4 in wheat in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio -carb	Methio - carb sulf oxide	Methio - carb sulfone	Methio -carb phenol	Methio -carb sulf-oxide phenol	Methio -carb sulfone phenol	(a)	(b)
12-2104* 12-2104-01 12-2104-01-T GLP: yes 2012	grain	89	90	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	90	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
12-2104* 12-2104-02 12-2104-02-T GLP: yes 2012	grain	89	90	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	90	<0.01	<0.01	<0.01	<0.01	0.022	0.017	<0.03	0.078
13-2066 13-2066-01 13-2066-01-T GLP: yes 2013	green material	75	55	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	grain	99	80	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	99	80	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2066 13-2066-02 13-2066-02-T GLP: yes 2013	green material	75	51	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	grain	89	80	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	80	<0.01	<0.01	<0.01	<0.01	0.010	<0.01	<0.03	0.060

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

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Table 6.3.4-55: Residue from residue trials with methiocarb RB4 in wheat in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	GS	DALT (days)	Residue (mg/kg) expressed as methiocarb							
				Methio -carb	Methio -carb sulf oxide	Methio -carb sulfone	Methio-carb phenol	Methio carb sulf-oxide phenol	Methio -carb sulfone phenol	(a)	(b)
12-2105* 12-2105-01 12-2105-01-T GLP: yes 2012	grain	89	75	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	75	<0.01	<0.01	<0.01	<0.01	0.012	<0.01	<0.03	0.062
12-2105* 12-2105-02 12-2105-02-T GLP: yes 2012	grain	89	79	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	79	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2067 13-2067-01 13-2067-01-T GLP: yes 2013	green material	75	41	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	grain	89	78	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	78	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
13-2067 13-2067-02 13-2067-02-T GLP: yes 2013	green material	75	28	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	grain	89	80	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	straw	89	80	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070

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Table 6.3.4-56: Recoveries for methiocarb and metabolites in wheat grain, straw and green material

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
12-2104 12-2104-01/02	Wheat	grain	methiocarb	6	0.01	89; 89; 94; 95; 100; 101	89	101	95	5.5
12-2104-01/02-T and 12-2105 12-2105-01/02 12-2105-01/02-T GLP: yes 2012				6	0.1	100; 101; 102; 102; 105; 109	100	109	103	3.2
				12	overall		89	109	99	6.2
			methiocarb phenol	6	0.01	70; 78; 92; 99; 100; 118	70	118	93	18.4
				6	0.1	74; 79; 94; 104; 112; 113	74	113	96	17.3
				12	overall		70	118	94	17.1
			methiocarb sulfone phenole	6	0.01	98; 103; 105; 111; 115; 121	98	121	109	7.8
				6	0.1	103; 112; 115; 116; 122; 123	103	123	115	6.3
				12	overall		98	123	112	7.3
			methiocarb sulfoxide phenol	6	0.01	100; 104; 105; 113; 114; 119	100	119	109	6.6
				6	0.1	105; 115; 116; 125; 126; 129	105	129	119	7.5
				12	overall		100	129	114	8.3
			methiocarb sulfone	6	0.01	87; 87; 88; 94; 97; 97	87	97	92	5.3
				6	0.1	99; 103; 103; 103; 104; 107	99	107	103	2.5
				12	overall		87	107	97	7.3
			methiocarb sulfoxide	6	0.01	95; 96; 97; 98; 101; 103	95	103	98	3.1
				6	0.1	94; 95; 101; 102; 104; 108	94	108	101	5.3
				12	overall		94	108	100	4.4

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Table 6.3.4-56 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
12-2104 12-2104-01/02	Wheat	straw	methiocarb	11	0.1	76; 81; 85; 91; 93; 95; 99; 103; 104; 107; 107	76	107	95	11.2
12-2104-01/02-T				3	0.1*	88; 88; 88	88	88	88	0.0
and 12-2105				5	1.0	100; 100; 101; 107; 107	100	107	103	3.6
12-2105-01/02				16	overall		76	107	97	10
12-2105-01/02-T			methiocarb phenol	11	0.1	92; 93; 94; 96; 96; 96; 96; 97; 101; 104; 111	92	111	98	5.7
GLP: yes 2012				3	0.1*	79; 87; 78	78	87	81	6.1
				5	0.99	97; 99; 99; 102; 102	97	102	100	2.2
				16	overall		92	111	98	4.8
			methiocarb sulfone phenole	11	0.1	97; 97; 97; 97; 97; 99; 101; 101; 101; 102; 107	97	107	100	3.2
				3	0.1*	100; 106; 83	83	106	96	12.4
				5	0.99	97; 98; 99; 100; 100	97	100	99	1.3
				16	overall		97	107	99	2.7
			methiocarb sulfoxide phenol	11	0.1	97; 98; 98; 99; 99; 103; 104; 110; 115; 117; 119	97	119	105	8
				3	0.1*	101; 100; 82	82	101	94	11.3
				5	1.0	100; 100; 101; 101; 103	100	103	101	1.2
				16	overall		97	119	104	6.9
			methiocarb sulfone	11	0.1	88; 88; 89; 89; 90; 95; 96; 99; 99; 104; 105	88	105	95	6.7
				3	0.1*	95; 93; 91	91	95	93	2.2
				5	1.0	99; 101; 102; 106; 109	99	109	103	3.9
				16	overall		88	109	97	7.2
			methiocarb sulfoxide	11	0.1	70; 78; 86; 86; 88; 90; 92; 94; 97; 98; 102	70	102	89	10.3
				3	0.1*	98; 97; 96	96	98	97	1.0
				5	1.0	99; 101; 104; 105; 108	99	108	103	3.4
				16	overall		70	108	94	11

* recoveries were performed in the conduct of study MR-14/070 where samples of wheat straw from study 12-2104 and 12-2105 were reanalyzed for an LOQ of 0.01 mg/kg. For recoveries validating an LOQ of 0.01 mg/kg see study 13-2066.

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Table 6.3.4-56 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
13-2066 13-2066-01/-02	Wheat	green material	methiocarb	7	0.01	70; 72; 84; 84; 88; 89; 89	70	89	82	9.7
13-2066-01-T/-02-T and 13-2067 13-2067-01/-02				7	0.1	77; 87; 88; 90; 92; 92; 94	77	94	87	8.2
13-2067-01-T/-02-T				14	overall		70	94	85	9.1
GLP: yes 2013			methiocarb phenol	7	0.01	88; 89; 97; 98; 98; 100; 100	88	100	96	5.3
				7	0.1	74; 77; 79; 79; 81; 86; 87	74	87	80	5.8
				14	overall		74	100	88	10.5
			methiocarb sulfone phenole	7	0.01	81; 87; 90; 91; 94; 99; 99	81	99	92	7.1
				7	0.1	84; 90; 90; 92; 93; 95; 97	84	97	92	4.6
				14	overall		81	99	92	5.8
			methiocarb sulfoxide phenol	7	0.01	91; 93; 94; 94; 96; 105; 112	91	112	98	7.9
				7	0.1	74; 94; 96; 97; 98; 99; 99	74	99	93	9.6
				14	overall		74	112	96	8.7
			methiocarb sulfone	7	0.01	74; 81; 83; 88; 92; 93; 98	74	98	87	9.4
				7	0.1	81; 88; 90; 92; 97; 98; 98	81	98	92	6.8
				14	overall		74	98	90	8.4
			methiocarb sulfoxide	7	0.01	75; 85; 90; 93; 94; 94; 104	75	104	91	9.9
				7	0.1	86; 94; 94; 97; 97; 97; 98	86	98	95	4.4
				14	overall		75	104	93	7.6

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Table 6.3.4-56 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
13-2066 13-2066-01/-02	Wheat	grain	methiocarb	7	0.01	74; 78; 82; 85; 86; 87; 88	74	88	83	6.2
13-2066-01-T/-02-T and 13-2067 13-2067-01/-02				7	0.1	79; 79; 81; 83; 85; 87; 90	79	90	83	5
				14	overall		74	90	83	5.4
13-2067-01-T/-02-T			methiocarb phenol	7	0.01	76; 76; 78; 85; 89; 89; 90	76	90	83	7.7
GLP: yes 2013				7	0.1	81; 81; 82; 85; 87; 88; 95	81	95	86	5.9
				14	overall		76	95	84	6.7
			methiocarb sulfone phenole	7	0.01	96; 97; 98; 100; 101; 102; 110	96	110	101	4.7
				7	0.1	90; 95; 96; 96; 97; 97; 98	90	98	96	2.8
				14	overall		90	110	98	4.6
			methiocarb sulfoxide phenol	7	0.01	93; 96; 97; 100; 106; 117; 117	93	117	104	9.6
				7	0.1	87; 96; 97; 97; 99; 102; 105	87	105	98	5.8
				14	overall		87	117	101	8.3
			methiocarb sulfone	7	0.01	92; 92; 94; 96; 101; 104; 105	92	105	98	5.7
				7	0.1	92; 93; 96; 100; 101; 102; 103	92	103	98	4.5
				14	overall		92	105	98	4.9
			methiocarb sulfoxide	7	0.01	94; 97; 97; 98; 99; 104; 110	94	110	100	5.4
				7	0.1	85; 88; 90; 90; 91; 101; 106	85	106	93	8.1
				14	overall		85	110	96	7.5

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Table 6.3.4-56 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
13-2066 13-2066-01/-02 13-2066-01-T/-02-T and 13-2067 13-2067-01/-02 13-2067-01-T/-02-T GLP: yes 2013	Wheat	straw	methiocarb	5	0.01	93; 94; 101; 102; 105	93	105	99	5.3
				11	0.1	83; 90; 92; 93; 95; 96; 97; 98; 98; 99; 104	83	104	95	5.8
				16	overall		83	105	96	5.8
			methiocarb phenol	5	0.01	78; 94; 97; 106; 111	78	111	97	13.1
				11	0.1	85; 85; 87; 89; 90; 91; 93; 96; 96; 97; 102	85	102	92	5.9
				16	overall		78	111	94	8.9
			methiocarb sulfone phenole	5	0.01	84; 96; 98; 109; 114	84	114	100	11.7
				11	0.1	89; 90; 91; 93; 95; 98; 99; 99; 100; 109; 113	89	113	98	7.8
				16	overall		84	114	99	8.9
			methiocarb sulfoxide phenol	5	0.01	89; 91; 94; 98; 102	89	102	95	5.6
				11	0.1	93; 94; 96; 97; 97; 98; 104; 106; 109; 111; 114	93	114	102	7.2
				16	overall		89	114	100	7.4
			methiocarb sulfone	5	0.01	96; 99; 103; 107; 113	96	113	104	6.5
				11	0.1	72; 75; 79; 89; 91; 93; 93; 95; 101; 102; 109	72	109	91	12.7
				16	overall		72	113	95	12.4
			methiocarb sulfoxide	5	0.01	93; 102; 107; 108; 109	93	109	104	6.4
				11	0.1	96; 96; 97; 97; 97; 98; 99; 99; 100; 101; 101	96	101	98	1.9
				16	overall		93	109	100	4.6

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Sugar beet

Report:	KCA 6.3.4/34[redacted],; 2013; M-471810-01-1
Title:	Determination of the residues of methiocarb in/on sugar beet after spreading of methiocarb RB 4 in the United Kingdom and Germany
Report No.:	12-2102
Document No.:	M-471810-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	not specified
GLP/GEP:	**yes**

Report:	KCA 6.3.4/35[redacted]2;[redacted]; 2015; M-512244-01-1
Title:	Determination of the residues of methiocarb in/on sugar beet after spreading of methiocarb RB 4 in Germany and Belgium
Report No.:	13-2073
Document No.:	M-512244-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/36[redacted]; 2014; M-478302-01-1
Title:	Determination of the residues of methiocarb in/on sugar beet after spreading of methiocarb RB 4 in Italy and Spain
Report No.:	12-2103
Document No.:	M-478302-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

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Report:	KCA 6.3.4/37[redacted]; [redacted]; 2015; M-512268-01-1
Title:	Determination of the residues of methiocarb in/on sugar beet after spreading of methiocarb RB 4 in Germany and Belgium
Report No.:	13-2074
Document No.:	M-512268-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Altogether 8 residue trials were conducted according to the following target GAP of methiocarb RB 4 in/on sugar beet in northern (4) and southern Europe (4):

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Sugar beet	Europe North, Europe South	1200	2	7	80

More information about the application of methiocarb RB 4 in the residue trials is given in Table 6.3.4-57 and Table 6.3.4-58 and in the tier I tables in the Appendix.

Samples of sugar beet body and leaf with root collar were taken 78-83 days after the second application.

During the shipment of samples of the Spanish trial (12-2103-02) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under these conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). They are shown in Table 6.3.4-61.

The results of the residue analysis are summarized in Table 6.3.4-59 and Table 6.3.4-60.

No residues above the LOQ of 0.01 mg/kg for each analyte were found in samples of sugar beet bodies.

In samples of leaf with root collar from 7 out of 8 residue trials measurable residues of the parent compound, methiocarb, were found (0.01-0.82 mg/kg) which indicate a direct contamination of the leaves with RB4 granules during the application. The parent compound, methiocarb, was never found as residues taken up via soil (see confined rotational crop study Annex II dossier 6.6.1). In leaves with root collar from the trial with the highest contamination of 0.82 mg/kg methiocarb low residues of methiocarb phenol (0.017 mg/kg) and methiocarb sulfoxide phenol (0.037 mg/kg) were also detected. As residues of the phenol metabolites were mainly detected in this trial with the high contamination, it is expected that these residues are degradation products of the contamination rather than residues taken up from soil.

Residues of methiocarb phenol were also found in samples of leaf with root collar from trials 13-2074-01 and 13-2074-02. These findings, [redacted]ver, are linked to samples where the untreated

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control plot also contained residues of methiocarb phenol at the same level. Therefore it cannot be assumed that these residues are linked to the methiocarb application.

The sugar beet leaf sample from trial 12-2103-01 was re-extracted and re-analysed for the phenol metabolites omitting the hydrolysis of the glucose conjugates ([redacted] G.; 2014; M-504785-01-1), i.e. only the unconjugated phenol metabolites are analysed. The results of both analyses are shown in Table 6.3.4-60a. In the re-analysed samples with no hydrolysis of the conjugates, no residues of the unconjugated phenol metabolites were detected. It can be concluded that methiocarb phenol and methiocarb sulfoxide phenol are present in sugar beet leaves in conjugated form.

Conclusion

Residue trials in northern (4) and southern Europe (4) were conducted according to the target GAP performing two overall spread applications of methiocarb RB 4 to the soil.

No residues of methiocarb or its metabolites can be expected in sugar beet bodies, if methiocarb RB 4 is applied twice at a rate of 120 g a.s./ha 80 days before harvest or earlier.

In sugar beet leaves with root collar residues of the parent compound methiocarb were found which indicate a direct contamination of the leaves with RB4 granules. In the samples with the highest contamination low residues of glucose conjugates of the metabolites methiocarb phenol and methiocarb sulfoxide were found, which can be considered as degradation products of the contamination rather than as residues taken up from soil.

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Table 6.3.4-57: Application data of residue trials with methiocarb RB4 in sugar beet in northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	FL	Application				
				No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2102 12-2102-01 12-2102-01-T GLP: yes 2012	Beet, sugar Pasteur	United Kingdom [redacted] Europe, North	4 RB	2	7	0.120	19	79
12-2102 12-2102-02 12-2102-02-T GLP: yes 2012	Beet, sugar Rubens	Germany [redacted] Europe, North	4 RB	2	7	0.120	38	81
13-2073 13-2073-01 13-2073-01-T GLP: yes 2013	Beet, sugar Sabrina	Germany [redacted] Europe, North	4 RB	2	7	0.120	42	83
13-2073 13-2073-02 13-2073-02-T GLP: yes 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizoman	Belgium [redacted] Europe, North	4 RB	2	7	0.120	35	79

FL = Formulation; GS = growth stage (BBCH code) at last application; PHI = pre-harvest interval

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Table 6.3.4-58: Application data of residue trials with methiocarb RB4 in sugar beet in southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	FL	Application				
				No	Interval (days)	a.s. rate (kg/ha)	GS	PHI (days)
12-2103 12-2103-01 12-2103-01-T GLP: yes 2012	Beet, sugar Rueben	Italy I-[redacted] Europe, South	4 RB	2	7	0.120	36	80
12-2103 12-2103-02 12-2103-02-T GLP: yes 2012	Beet, sugar Sanlucar; winter sugarbeets	Spain [redacted] Europe, South	4 RB	2	7	0.120	36	78
13-2074 13-2074-01 13-2074-01-T GLP: yes 2013	Beet, sugar Zanzibar, medium harvest variety	Italy [redacted] Europe, South	4 RB	2	7	0.120	45	80
13-2074 13-2074-02 13-2074-02-T GLP: yes 2013	Beet, sugar Columbus, winter sugarbeet	Spain [redacted] Europe, South	4 RB	2	6	0.120	36	78

FL = Formulation; GS = growth stage (BBCH code) at last applications; PHI = pre-harvest interval

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Table 6.3.4-59: Residue from residue trials with methiocarb RB4 in sugar beet in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2102 12-2102-01 12-2102-01-T GLP: yes 2012	body	**79**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**79**	0.10	<0.01	<0.01	<0.01	<0.01	<0.01	0.12	0.15
12-2102 12-2102-01 12-2102-01-T GLP: yes 2012	body	**81**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**81**	0.011	<0.01	<0.01	<0.01	<0.01	<0.01	0.031	0.061
13-2073 13-2073-01 13-2073-01-T GLP: yes 2013	body	**83**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**83**	0.017	<0.01	<0.01	<0.01	<0.01	<0.01	0.037	0.067
13-2073 13-2073-01 13-2073-01-T GLP: yes 2013	body	**79**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**79**	0.045	<0.01	<0.01	<0.01	<0.01	<0.01	0.065	0.095

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb

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Table 6.3.4-60: Results from residue trials with methiocarb RB4 in sugar beet in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2103 12-2103-01 12-2103-01-T GLP: yes 2012	body	**80**	0.015	<0.01	<0.01	<0.01	<0.01	<0.01	0.035	0.065
	leaf with root collar	**80**	0.82	0.087	<0.01	0.017	0.037	<0.01	0.91	0.98
12-2103 12-2103-02 12-2103-02-T GLP: yes 2012	body	**78**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**78**	0.010	<0.01	<0.01	<0.01	<0.01	<0.01	0.030	0.060
13-2074 13-2074-01 13-2074-01-T GLP: yes 2013	body	**80**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**80**	0.032	<0.01	<0.01	0.20/ 0.25**	<0.01	<0.01	0.052	0.27/ 0.30**
13-2074 13-2074-02 13-2074-02-T GLP: yes 2013	body	**78**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.03	<0.06
	leaf with root collar	**78**	<0.01	<0.01	<0.01	0.024/ 0.011**	<0.01	<0.01	<0.03	0.074/ 0.061**

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
** residue in control

Table 6.3.4-60a: Residues of the free phenol metabolites (given in mg/kg, expressed as methiocarb) with no hydrolysis of the conjugated phenol metabolites and after hydrolysis of the conjugates (trial 12-2103-01).

Trial no.	**Sample material**	**methiocarb phenol [mg/kg]**	**methiocarb sulfoxide phenol [mg/kg]**	**methiocarb sulfone phenol [mg/kg]**	**methiocarb phenol [mg/kg]**	**methiocarb sulfoxide phenol [mg/kg]**	**methiocarb sulfone phenol [mg/kg]**
		Analysis without hydrolysis of conjugated phenols by incubation with beta-glucosidase			**Analysis after hydrolysis of conjugated phenols by incubation with beta-glucosidase**		
12-2103-01	leaf with root collar	< 0.01	< 0.01	< 0.01	0.017	0.037	< 0.01

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Table 6.3.4-61: Recoveries for methiocarb and metabolites in sugar beet, body and leaf with root collar

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2102 12-2102-01/02	Beet, sugar	body	methiocarb	11	0.01	92; 91; 94; 85; 84; 88; 87; 90; 88; 88; 96	84	96	89	4.1
12-2102-01/02-T				5	0.1	86; 87; 86; 84; 85	84	87	86	1.3
GLP: yes 2012				16	overall		84	96	88	4
			methiocarb phenol	11	0.01	83; 87; 87; 72; 72; 73; 88; 83; 82; 84; 84	72	88	81	7.5
				5	0.1	83; 83; 81; 79; 80	79	83	81	2.2
				16	overall		72	88	81	6.2
			methiocarb sulfone phenole	11	0.01	94; 103; 98; 73; 79; 73; 89; 85; 88; 88; 86	73	103	87	10.8
				5	0.1	89; 83; 87; 86; 86	83	89	86	2.5
				16	overall		73	103	87	9.0
			methiocarb sulfoxide phenol	11	0.01	97; 106; 92; 102; 100; 90; 105; 106; 102; 103; 87	87	106	99	6.7
				5	0.1	108; 100; 98; 94; 93	93	108	99	6.1
				16	overall		87	108	99	6.3
			methiocarb sulfone	11	0.01	96; 110; 85; 94; 103; 76; 90; 94; 89; 90; 92	76	110	93	9.6
				5	0.1	90; 89; 89; 89; 87	87	90	89	1.2
				16	overall		76	110	91	8.2
			methiocarb sulfoxide	11	0.01	90; 101; 93; 91; 88; 88; 89; 92; 94; 94; 96	88	101	92	4.2
				5	0.1	95; 94; 94; 92; 92	92	95	93	1.4
				16	overall		88	101	93	3.5
		leaf with root collar	methiocarb	11	0.01	86; 77; 79; 75; 72; 76; 89; 95; 87; 80; 86	72	95	82	8.6
				5	0.1	88; 92; 88; 88; 83	83	92	88	3.6
				3	1	86; 81; 85	81	86	84	3.1
				19	overall mg/kg		72	95	84	7.3

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Table 6.3.4-61 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
12-2102 12-2102-01/02	Beet, sugar	leaf with root collar	methiocarb phenol	11	0.01	70; 76; 74; 74; 74; 73; 88; 89; 88; 90; 90	70	90	81	10.2
12-2102-01/02-T				5	0.1	83; 83; 84; 85; 84	83	85	84	1.0
GLP: yes 2012				3	1	96; 99; 102	96	102	99	3.0
				19	overall		70	102	84	10.8
			methiocarb sulfone phenole	11	0.01	89; 86; 87; 92; 90; 95; 94; 94; 93; 94; 94	86	95	92	3.4
				5	0.1	90; 89; 92; 90; 91	89	92	90	1.3
				3	1	96; 101; 102	96	102	100	3.2
				19	overall		86	102	93	4.5
			methiocarb sulfoxide phenol	11	0.01	90; 99; 101; 110; 111; 108; 96; 98; 96; 97; 97	90	111	100	6.6
				5	0.1	92; 90; 92; 90; 92	90	92	91	1.2
				3	1	97; 102; 102	97	102	100	2.9
				19	overall		90	111	98	6.7
			methiocarb sulfone	11	0.01	92; 85; 93; 82; 94; 93; 115; 115; 102; 106; 107	82	115	99	11.4
				5	0.1	101; 94; 96; 90; 87	87	101	94	5.8
				3	1	91; 89; 89	89	91	90	1.3
				19	overall		82	115	96	9.8
			methiocarb sulfoxide	11	0.01	93; 93; 100; 99; 101; 99; 100; 94; 95; 94; 96	93	101	97	3.2
				5	0.1	96; 100; 93; 90; 89	89	100	94	4.8
				3	1	89; 92; 93	89	93	91	2.3
				19	overall		89	101	95	4.1
12-2103 12-2103-01	Beet, sugar	body	methiocarb	11	0.01	84; 85; 87; 88; 88; 88; 90; 91; 92; 94; 96	84	96	89	4.1
12-2103-01-T				5	0.1	84; 85; 86; 86; 87	84	87	86	1.3
GLP: yes 2012				16	overall		84	96	88	4
			methiocarb phenol	11	0.01	72; 72; 73; 82; 83; 83; 84; 84; 87; 87; 88	72	88	81	7.5
				5	0.1	79; 80; 81; 83; 83	79	83	81	2.2
				16	overall		72	88	81	6.2

Table 6.3.4-61 continued

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Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
12-2103 12-2103-01 12-2103-01-T GLP: yes 2012	Beet, sugar	body	methiocarb sulfone phenole	11	0.01	73; 73; 79; 86; 87; 88; 88; 89; 94; 98; 103	73	103	87	10.8
				5	0.1	83; 86; 86; 87; 89	83	89	86	2.5
				16	overall		73	103	87	9
			methiocarb sulfoxide phenol	11	0.01	87; 90; 92; 97; 100; 102; 102; 103; 105; 106; 106	87	106	99	6.7
				5	0.1	93; 94; 98; 100; 108	93	108	99	6.1
				16	overall		87	108	99	6.3
			methiocarb sulfone	11	0.01	76; 85; 89; 90; 90; 92; 94; 94; 96; 103; 110	76	110	93	9.6
				5	0.1	87; 89; 89; 89; 90	87	90	89	1.2
				16	overall		76	110	91	8.2
			methiocarb sulfoxide	11	0.01	88; 88; 89; 90; 91; 92; 93; 94; 94; 96; 101	88	101	92	4.2
				5	0.1	92; 92; 94; 94; 95	92	95	93	1.4
				16	overall		88	101	93	3.5
		leaf with root collar	methiocarb	11	0.01	72; 75; 76; 77; 79; 80; 86; 86; 87; 89; 95	72	95	82	8.6
				5	0.1	83; 88; 88; 88; 92	83	92	88	3.6
				3	1.0	81; 85; 86	81	86	84	3.1
				19	overall		72	95	84	7.3
12-2103 12-2103-01 12-2103-01-T GLP: yes 2012	Beet, sugar	leaf with root collar	methiocarb phenol	11	0.01	70; 73; 74; 74; 74; 76; 88; 88; 89; 90; 90	70	90	81	10.2
				5	0.1	83; 83; 84; 84; 85	83	85	84	1
				3	1.0	96; 99; 102	96	102	99	3
				19	overall		70	102	84	10.8

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Table 6.3.4-61 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2103 12-2103-01 12-2103-01-T GLP: yes 2012	Beet, sugar	leaf with root collar	methiocarb sulfone phenole	11	0.01	86; 87; 89; 90; 92; 93; 94; 94; 94; 94; 95	86	95	92	3.4
				5	0.1	89; 90; 90; 91; 92	89	92	90	1.3
				3	1.0	96; 101; 102	96	102	100	3.2
				19	overall		86	102	93	4.5
			methiocarb sulfoxide phenol	11	0.01	90; 96; 96; 97; 97; 98; 99; 101; 108; 110; 111	90	111	100	6.6
				5	0.1	90; 90; 92; 92; 92	90	92	91	1.2
				3	1.0	97; 102; 102	97	102	100	2.9
				19	overall		90	111	98	6.7
			methiocarb sulfone	11	0.01	82; 85; 92; 93; 93; 94; 102; 106; 107; 115; 115	82	115	99	11.4
				5	0.1	87; 90; 94; 96; 101	87	101	94	5.8
			methiocarb sulfoxide	11	0.01	93; 93; 94; 94; 95; 96; 99; 99; 100; 100; 101	93	101	97	3.2
				5	0.1	89; 90; 93; 96; 100	89	100	94	4.8
				3	1.0	89; 92; 93	89	93	91	2.3
				19	overall		89	101	95	4.1
13-2073 13-2073-01/-02 13-2073-01-T/-02T and 13-2074 13-2074-01/-02 13-2074-01-T/-02T GLP: yes 2013	Beet, sugar	body	methiocarb	4	0.01	88; 89; 89; 90	88	90	89	0.9
				2	0.1	81; 91	81	91	86	
				6	overall		81	91	88	4.1
			methiocarb phenol	4	0.01	82; 85; 86; 88	82	88	85	2.9
				2	0.1	81; 87	81	87	84	
				6	overall		81	88	85	3.3
			methiocarb sulfone phenole	4	0.01	87; 96; 97; 102	87	102	96	6.5
				2	0.1	80; 84	80	84	82	
				6	overall		80	102	91	9.4
			methiocarb sulfoxide phenol	4	0.01	94; 97; 99; 99	94	99	97	2.4
				2	0.1	80; 89	80	89	85	
				6	overall		80	99	93	8

Table 6.3.4-61 continued

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Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
13-2073	Beet, sugar	body	methiocarb sulfone	4	0.01	80; 81; 82; 87	80	87	83	3.8
13-2073-01/-02				2	0.1	81; 91	81	91	86	
13-2073-01-T/-02T				6	overall		80	91	84	5.2
			methiocarb sulfoxide	4	0.01	79; 80; 80; 88	79	88	82	5.1
and				2	0.1	83; 96	83	96	90	
13-2074				6	overall		79	96	84	7.8
13-2074-01/-02		leaf with root collar	methiocarb	4	0.01	90; 95; 96; 96	90	96	94	3
13-2074-01-T/-02T				1	0.1	87	87	87	87	
				1	0.2	93	93	93	93	
GLP: yes 2013				6	overall		87	96	93	3.9
			methiocarb phenol	4	0.01	89; 90; 94; 98	89	98	93	4.4
				1	0.1	78	78	78	78	
				1	0.2	82	82	82	82	
				2	0.5	87; 92	87	92	90	
				8	overall		78	98	89	7.2
			methiocarb sulfone phenole	4	0.01	87; 96; 99; 101	87	101	96	6.5
				1	0.1	90	90	90	90	
				1	0.2	83	83	83	83	
				6	overall		83	101	93	7.7
			methiocarb sulfoxide phenol	4	0.01	88; 90; 92; 96	88	96	92	3.7
				1	0.1	92	92	92	92	
				1	0.2	83	83	83	83	
				6	overall		83	96	90	4.9
			methiocarb sulfone	4	0.01	85; 94; 95; 96	85	96	93	5.5
				1	0.1	98	98	98	98	
				1	0.2	89	89	89	89	
				6	overall		85	98	93	5.3
			methiocarb sulfoxide	4	0.01	86; 96; 97; 98	86	98	94	5.9
				1	0.1	101	101	101	101	
				1	0.2	90	90	90	90	
				6	overall		86	101	95	5.9

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Foliar spray applications (methiocarb SC 500, SC 200)

The residue data for foliar spray applications are not relvant to derive a residue definition for the representative use. The data are submitted as supplementary information, only, to complete the picture on the residue behaviour of methiocarb.

Grapes

Report:	KCA 6.3.4/38[redacted]; 2013; M-469070-01-1
Title:	Determination of the residues of methiocarb in/on table grape after spray application of Mesurol SC 500 in Spain and Italy
Report No.:	12-2082
Document No.:	M-469070-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

Report:	KCA 6.3.4/39[redacted]; 2014; M-499804-01-1
Title:	Determination of the residues of methiocarb in/on table grape after spray application of Mesurol SC 500 in Spain, Italy and Greece
Report No.:	13-2049
Document No.:	M-499804-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

Altogether, 8 residue trials were conducted according to the target GAP of Mesurol SC 500 in/on table grapes in southern Europe:

Crop	Region	Application rate (g/ha)	No of application	Application interval	Growth stage at last application
Table grapes, pergola cultivation	Europe South	100	2	7	BBCH 61

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The residue trials were conducted in table grape grown under pergola cultivation. Detailed information about the application of Mesurol SC 500 in the residue trials is given in Table 6.3.4-62 and in the tier I tables in the Appendix.

Samples of table grapes (bunch of grapes and berries) were taken at BBCH 83-89 (63-115 days after the last treatment).

During the shipment of samples of the Spanish trials (12-2082-01 and -04 and 13-2049-01) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under the actual storage conditions (for details please refer to [redacted]; 2015; M-480441-03-1 (CA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%) with the exception of methiocarb sulfone at the level of 0.1 mg/kg with an RSD of 20.8%. [redacted]ver, the overall RSD was below 20%. Concurrent recovery data are shown in Table 6.3.4-64.

The results of the residue analysis are summarized in Table 6.3.4-63a.

In grapes at harvest (pre-harvest interval 63-115 days) residues of methiocarb, methiocarb sulfone and methiocarb phenol were always below the LOQ of 0.01 mg/kg. Major metabolites were methiocarb sulfoxide phenol and methiocarb sulfoxide. Measurable residues of methiocarb sulfoxide phenol were found in all 8 trials ranging between 0.028 and 0.19 mg/kg. Measurable residues of methiocarb sulfoxide were found in 6 trials ranging between 0.01 and 0.045 mg/kg. In some samples (3 trials) low residues of methiocarb sulfone phenol (0.01-0.024 mg/kg) were found.

Samples of bunch of grape and berries were re-extracted and re-analysed for the free phenol metabolites omitting the hydrolysis of the glucose conjugates (M-504785-01-1). The results are presented in Table 6.3.4-63b. Omitting the hydrolysis of the conjugates, no measurable residues or only traces of the free phenol metabolites were found. It can be concluded that residues of the phenol metabolites found in grapes are mainly composed of the conjugated phenols.

Conclusion

Eight residue trials in southern Europe were conducted according to the target GAP performing two spray applications with Mesurol SC 500 on table grapes grown under pergola cultivation. The last application was performed at beginning of flowering (BBCH 61).

In grapes at harvest, major residues in berries and bunch of grapes were the conjugated methiocarb sulfoxide phenol and methiocarb sulfoxide.

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Table 6.3.4-62: Application data of residue trials with Mesurol SC 500 in grapes in southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2082 12-2082-01 12-2082-01-T GLP: yes 2012	Table grape Red Globe; red variety	Spain E-[redacted] Europe, South	500 SC	2	7	1.0	61
12-2082 12-2082-02 12-2082-02-T GLP: yes 2012	Table grape Italia; white variety	Italy [redacted] Europe, South	500 SC	2	7	1.0	61
12-2082 12-2082-03 12-2082-03-T GLP: yes 2012	Table grape Victoria; Table white grape	Italy [redacted] Europe, South	500 SC	2	7	1.0	61
12-2082 12-2082-04 12-2082-04-T GLP: yes 2012	Table grape Italia; table grape white variety	Spain [redacted] Europe, South	500 SC	2	7	1.0	60
13-2049 13-2049-01 13-2049-01-T GLP: yes 2013	Table grape Crimson; Red variety	Spain 30840 Alhama Murcia Europe, South	500 SC	2	7	0.923-1.0	60
13-2049 13-2049-02 13-2049-02-T GLP: yes 2013	Table grape Italia; White variety	Italy [redacted] Europe, South	500 SC	2	7	1.0	61
13-2049 13-2049-03 13-2049-03-T GLP: yes 2013	Table grape Crimson; Red variety	Greece [redacted] Europe, South	500 SC	2	7	1.0	61
13-2049 13-2049-04 13-2049-04-T GLP: yes 2013	Table grape Italia; White variety	Italy [redacted] Europe, South	500 SC	2	6	1.0	61

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-63a: Results from residue trials with methiocarb SC 500 in grapes in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2082 12-2082-01 12-2082-01-T GLP: yes 2012	bunch of grapes	89 89	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	<0.01 <0.01	0.028 0.031	<0.01 <0.01	<0.03 <0.03	0.078 0.081
	berry	89	<0.01	<0.01	<0.01	<0.01	0.029	<0.01	<0.03	0.079
12-2082 12-2082-02 12-2082-02-T GLP: yes 2012	bunch of grapes	115 115	<0.01 <0.01	0.021 0.020	<0.01 <0.01	<0.01 <0.01	0.074 0.086	<0.01 <0.01	0.041 0.040	0.14 0.15
	berry	115	<0.01	0.016	<0.01	<0.01	0.069	<0.01	0.036	0.12
12-2082 12-2082-03 12-2082-03-T GLP: yes 2012	bunch of grapes	63 63	<0.01 <0.01	0.039 0.045	<0.01 <0.01	0.010 0.010	0.19/ 0.025** 0.17/ 0.025**	<0.01 <0.01	0.059 0.065	0.28/0.075 ** 0.25/0.075 **
	berry	63	<0.01	0.027	<0.01	0.010	0.11	<0.01	0.047	0.18
12-2082 12-2082-04 12-2082-04-T GLP: yes 2012	bunch of grapes	104 104	<0.01 <0.01	0.015 <0.01	<0.01 <0.01	<0.01 <0.01	0.046 0.033	<0.01 <0.01	0.035 <0.03	0.10 0.083
	berry	104	<0.01	0.014	<0.01	<0.01	0.046	<0.01	0.034	0.10
13-2049 13-2049-01 13-2049-01-T GLP: yes 2013	bunch of grapes	97	<0.01	0.022	<0.01	0.010	0.080	0.010	0.042	0.14
	berry	97	<0.01	0.010	<0.01	<0.01	0.039	<0.01	0.030	0.089
13-2049 13-2049-02 13-2049-02-T GLP: yes 2013	bunch of grapes	105	<0.01	<0.01	<0.01	<0.01	0.13	0.020	<0.03	0.19
	berry	105	<0.01	0.011	<0.01	<0.01	0.17	0.021	0.031	0.23
13-2049 13-2049-03 13-2049-03-T GLP: yes 2013	bunch of grapes	93	<0.01	<0.01	<0.01	0.012	0.11	0.024	<0.03	0.18
	berry	93	<0.01	<0.01	<0.01	<0.01	0.11	0.013	<0.03	0.16

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Table 6.3.4-63a continued

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio -carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio -carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
13-2049 13-2049-04 13-2049-04-T GLP: yes 2013	bunch of grapes	126	<0.01	<0.01	<0.01	<0.01	0.034	<0.01	0.03	0.084
	berry	126	<0.01	0.010	<0.01	<0.01	0.040	<0.01	0.030	0.090

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
** residue in control

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Table 6.4.63b: Residue levels of free phenol metabolites in grape without hydrolysis and after hydrolysis of the conjugated phenol metabolites

Trial no.	Sample material	methiocarb phenol [mg/kg]	methiocarb sulfoxide phenol [mg/kg]	methiocarb sulfone phenol [mg/kg]	methiocarb phenol [mg/kg]	methiocarb sulfoxide phenol [mg/kg]	methiocarb sulfone phenol [mg/kg]
		Re-analysis without hydrolysis of the conjugated phenol metabolites			Analysis after hydrolysis of the conjugated phenol metabolites; see Table 6.3.4-63a		
12-2082-01	bunch of grapes	< 0.01 < 0.01	< 0.01 < 0.01	< 0.01 < 0.01	< 0.01 < 0.01	0.028 0.031	< 0.01 < 0.01
12-2082-01	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.029	< 0.01
12-2082-02	bunch of grapes	< 0.01 < 0.01	< 0.01 < 0.01	< 0.01 < 0.01	< 0.01 < 0.01	0.074 0.086	< 0.01 < 0.01
12-2082-02	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.069	< 0.01
12-2082-03	bunch of grapes	< 0.01 < 0.01	< 0.01 0.01	< 0.01 < 0.01	0.010 0.010	0.19 0.17	0.015 0.013
12-2082-03	berry	< 0.01	< 0.01	< 0.01	0.010	0.11	< 0.01
12-2082-04	bunch of grapes	< 0.01 < 0.01	0.013 < 0.01	< 0.01 < 0.01	< 0.01 < 0.01	0.046 0.033	< 0.01 < 0.01
12-2082-04	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.046	< 0.01
13-2049-01	bunch of grapes	< 0.01	< 0.01	< 0.01	0.010	0.080	0.010
13-2049-01	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.039	< 0.01
13-2049-02	bunch of grapes	< 0.01	< 0.01	< 0.01	< 0.01	0.13	0.020
13-2049-02	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.17	0.021
13-2049-03	bunch of grapes	< 0.01	< 0.01	< 0.01	0.012	0.11	0.024
13-2049-03	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.11	0.013
13-2049-04	bunch of grapes	< 0.01	< 0.01	< 0.01	< 0.01	0.034	< 0.01
13-2049-04	berry	< 0.01	< 0.01	< 0.01	< 0.01	0.040	< 0.01

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Table 6.3.4-64: Recoveries for methiocarb and metabolites in bunch of grapes and berry

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2082 12-2082-01 to -04 12-2082-01-T to-04T GLP: yes 2012	Table grape	bunch of grapes	methiocarb	3	0.01	90; 99; 114	90	114	101	12
				4	0.1	77; 89; 104; 111	77	111	95	16.0
				1	0.2	82	82	82	82	
				1	0.5	101	101	101	101	
				9	overall		77	114	96	13.2
			methiocarb phenol	4	0.01	92; 93; 95; 98	92	98	95	2.8
				6	0.1	75; 76; 89; 92; 93; 96	75	96	87	10.4
				1	0.5	101	101	101	101	
				11	overall		75	101	91	9.1
			methiocarb sulfone phenole	4	0.01	86; 95; 96; 100	86	100	94	6.3
				6	0.1	81; 83; 92; 94; 97; 99	81	99	91	8.1
				1	0.5	116	116	116	116	
				11	overall		81	116	94	10.1
			methiocarb sulfoxide phenol	3	0.01	99; 104; 111	99	111	105	5.8
				4	0.1	92; 90; 92; 120	90	120	99	14.6
				1	0.2	88	88	88	88	
				1	0.5	102	102	102	102	
				9	overall		88	120	100	10.7
			methiocarb sulfone	3	0.01	95; 100; 112	95	112	102	8.5
				5	0.1	61; 84; 94; 104; 108	61	108	90	20.8
				1	0.2	91	91	91	91	
				1	0.5	102	102	102	102	
				10	overall		61	112	95	15.3
			methiocarb sulfoxide	3	0.01	94; 105; 113	94	113	104	9.2
				6	0.1	75; 88; 97; 101; 117; 120	75	120	100	17.2
				1	0.5	98	98	98	98	
				10	overall		75	120	101	13.6

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Table 6.3.4-64 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
13-2049 13-2049-01 to -04 13-2049-01-T to 04-T GLP: yes 2013	Table grape	bunch of grapes	methiocarb	2	0.01	80; 83	80	83	82	
				2	0.1	74; 75	74	75	75	
				4	overall		74	83	78	5.4
			methiocarb phenol	2	0.01	71; 78	71	78	75	
				2	0.1	78; 87	78	87	83	
				1	0.2	97	97	97	97	
				5	overall		71	97	82	12.2
			methiocarb sulfone phenole	2	0.01	103; 108	103	108	106	
				2	0.1	99; 101	99	101	100	
				1	0.2	102	102	102	102	
				5	overall		99	108	103	3.3
			methiocarb sulfoxide phenol	2	0.01	76; 78	76	78	77	
				2	0.1	80; 84	80	84	82	
				1	0.2	86	86	86	86	
				5	overall		76	86	81	5.1
			methiocarb sulfone	2	0.01	93; 94	93	94	94	
				2	0.1	84; 86	84	86	85	
				4	overall		84	94	89	5.6
			methiocarb sulfoxide	2	0.01	100; 103	100	103	102	
				2	0.1	92; 95	92	95	94	
				4	overall		92	103	98	5.1
		berry	methiocarb	2	0.01	87; 89	87	89	88	
				1	0.1	75	75	75	75	
				3	overall		75	89	84	9.1
			methiocarb phenol	2	0.01	82; 86	82	86	84	
				1	0.1	70	70	70	70	
				1	0.2	92	92	92	92	
				4	overall		70	92	83	11.3
			methiocarb sulfone phenole	2	0.01	94; 108	94	108	101	
				1	0.1	89	89	89	89	
				1	0.2	95	95	95	95	
				4	overall		89	108	97	8.4
			methiocarb sulfoxide phenol	2	0.01	100; 112	100	112	106	
				1	0.1	87	87	87	87	
				1	0.2	80	80	80	80	
				4	overall		80	112	95	15

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Table 6.3.4-64 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Forti-fication level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
13-2049 13-2049-01 to -04 13-2049-01-T to 04-T GLP: yes 2013	Table grape	berry	methiocarb sulfone	2	0.01	99; 101	99	101	100	
				1	0.1	88	88	88	88	
				3	overall		88	101	96	7.2
			methiocarb sulfoxide	2	0.01	105; 106	105	106	106	
				1	0.1	91	91	91	91	
				3	overall		91	106	101	8.3

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Onion

Report:	KCA 6.3.4/40[redacted],;[redacted]; 2013; M-469195-01-1
Title:	Determination of the residues of methiocarb in/on onion after spray application of Mesurol SC 500 in the United Kingdom, Germany and Belgium
Report No.:	12-2079
Document No.:	M-469195-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC guidance working document 7029/VI/95 rev. 5 (July 22, 1997) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial, US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/41[redacted]; 2014; M-499819-01-1
Title:	Determination of the residues of methiocarb in/on onion after spray application of Mesurol SC 500 in Germany, the Netherlands, the United Kingdom and Belgium
Report No.:	13-2046
Document No.:	M-499819-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/43[redacted]N[redacted]; 2013; M-468641-01-1
Title:	Determination of the residues of methiocarb in/on onion after spray application of Mesurol SC 500 in southern France, Spain, Italy and Portugal
Report No.:	12-2078
Document No.:	M-468641-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC guidance working document 7029/VI/95 rev. 5 (July 22, 1997) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial, US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no imapct
GLP/GEP:	**yes**

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Report:	KCA 6.3.4/43[redacted]N; 2014; M-499828-01-1
Title:	Determination of the residues of methiocarb in/on onion after spray application of Mesurol SC 500 in Spain, Italy and southern France
Report No.:	13-2045
Document No.:	M-499828-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

In total, 16 residue trials were conducted according to the target GAP of Mesurol SC 500 in/on onions in northern (8) and southern Europe (8).

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Onion	Europe North, Europe South	75	2	7	21

More information about the application of Mesurol SC 500 in the residue trials is given in Table 6.3.4-65 and Table 6.3.4-66 and in the tier I tables in the Appendix.

Samples of onion bulb were taken at nominal DALT 0, 21 and 28 in all trials as well as at DALT -0, 7 and 14 in additional trials.

During the shipment of samples of the French and Spanish trials (12-2078-01 and -02 and 13-2045-01) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under the actual storage conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤ 20%). Detailed data are shown in Table 6.3.4-69.

The results of the residue analysis are summarized in Table 6.3.4-67 and Table 6.3.4-68.

Residues of methiocarb and methiocarb sulfoxide were found directly after the application indicating a contamination of the onion bulbs with the spray solution. These residues declined rapidly. At harvest, 21-28 days after the last application, methiocarb and its sulfoxide metabolite had declined to below the LOQ of 0.01 mg/kg or to low levels (methiocarb max. 0.01 mg/kg; methiocarb sulfoxide max. 0.035 mg/kg). Residues of methiocarb sulfoxide phenol were found in onion bulbs only occasionally and at low levels in those trials which had received a high contamination during the application (12-2079-04, 12-2078-04). In onion bulbs from these 2 trials residues of methiocarb sulfoxide phenol were 0.025 and 0.027 mg/kg at the PHI of 21 days.

Residues of methiocarb sulfone, methiocarb phenol and methiocarb sulfone phenol were not found in onion bulbs.

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Conclusion

Sixteen residue trials in northern (8) and southern (8) Europe were conducted according to the target GAP performing two spray applications with Mesurol SC 500 on onions.

Residues of methiocarb and methiocarb sulfoxide directly after the application indicate a contamination of the onion bulbs with the spray solution. 21 days after the last application no or only low residues of methiocarb and its sulfoxide metabolite may be expected. Low residues of methiocarb sulfoxide phenol may be found 21 days after the last application in those trials where the onion bulbs had received a high contamination of methiocarb from the spay solution.

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Table 6.3.4-65: Application data of residue trials with methiocarb RB4 in onions in northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2079 12-2079-01 12-2079-01-T GLP: yes 2012	Onion Bennito; White bulb onion	United Kingdom [redacted] Europe, North	500 SC	2	8	0.75	47
12-2079 12-2079-02 12-2079-02-T GLP: yes 2012	Onion Sherpa F1	Germany [redacted] Europe, North	500 SC	2	7	0.75	48
12-2079 12-2079-03 12-2079-03-T GLP: yes 2012	Onion Summit F1	Belgium [redacted] Europe, North	500 SC	2	7	0.75	48
12-2079 12-2079-04 12-2079-04-T GLP: yes 2012	Onion Takstar	Germany [redacted] Europe, North	500 SC	2	7	0.75	47
13-2046 13-2046-01 13-2046-01-T GLP: yes 2013	Onion Sherpa F1	Germany [redacted] Europe, North	500 SC	2	7	0.75	47
13-2046 13-2046-02 13-2046-02-T GLP: yes 2013	Onion Centro F1; Mid-early	Netherlands [redacted] Europe, North	500 SC	2	7	0.75	47
13-2046 13-2046-03 13-2046-03-T GLP: yes 2013	Onion Sherpa; White onion	United Kingdom [redacted] Europe, North	500 SC	2	6	0.75	47
13-2046 13-2046-04 13-2046-04-T GLP: yes 2013	Onion Summit F1; Yellow onion	Belgium [redacted] Europe, North	500 SC	2	7	0.75-0.796	45

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-66: Application data of residue trials with methiocarb RB4 in onions in southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2078 12-2078-01 12-2078-01-T GLP: yes 2012	Onion Keepwell; Yellow	France [redacted] Europe, South	500 SC	2	7	0.75	47
12-2078 12-2078-02 12-2078-02-T GLP: yes 2012	Onion Valenciana	Spain [redacted] Europe, South	500 SC	2	7	0.75-0.824	48
12-2078 12-2078-03 12-2078-03-T GLP: yes 2012	Onion Locale Marrone; Flat Bulb	Italy I-[redacted] Europe, South	500 SC	2	7	0.75	47
12-2078 12-2078-04 12-2078-04-T GLP: yes 2012	Onion Valenciana; Cebola tardia	Portugal [redacted] Europe, South	500 SC	2	7	0.75	45
13-2045 13-2045-01 13-2045-01-T GLP: yes 2013	Onion Berra; Spring onion	Spain [redacted] Europe, South	500 SC	2	7	0.693-0.75	47
13-2045 13-2045-02 13-2045-02-T GLP: yes 2013	Onion Utrero	Italy [redacted] Europe, South	500 SC	2	7	0.75	45
13-2045 13-2045-03 13-2045-03-T GLP: yes 2013	Onion Calabrese; Pink bulb onion	Italy [redacted] Europe, South	500 SC	2	7	0.75	45
13-2045 13-2045-04 13-2045-04-T GLP: yes 2013	Onion UX051; Production type	France [redacted] Europe, South	500 SC	2	7	0.75	47

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-67: Results from residue trials with methiocarb RB4 in onion in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2079 12-2079-01 12-2079-01-T GLP: yes 2012	bulb	0* 0 7 14 22 **28**	0.027 0.28 0.15 0.050 0.013 0.010	0.010 0.020 0.037 0.037 0.019 0.035	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.047 0.31 0.20 0.097 0.042 0.055	0.077 0.34 0.23 0.13 0.072 0.085
12-2079 12-2079-02 12-2079-02-T GLP: yes 2012	bulb	0 21 **28**	0.33 <0.01 <0.01	0.018 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.36 <0.03 <0.03	0.39 <0.06 <0.06
12-2079 12-2079-03 12-2079-03-T GLP: yes 2012	bulb	0* 0 7 16 21 **28**	<0.01 0.043 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.03 0.063 <0.03 <0.03 <0.03 <0.03	<0.06 0.093 <0.06 <0.06 <0.06 <0.06
12-2079 12-2079-04 12-2079-04-T GLP: yes 2012	bulb	0 21 **28**	0.74 <0.01 <0.01	0.028 0.010 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 0.025 0.023	<0.01 <0.01 <0.01	0.77 0.030 <0.03	0.80 0.075 0.073
13-2046 13-2046-01 13-2046-01-T GLP: yes 2013	bulb	0* 0 7 14 **21** 28	0.012 0.15 0.018 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.032 0.17 0.039 <0.03 <0.03 <0.03	0.062 0.20 0.069 <0.06 <0.06 <0.06
13-2046 13-2046-02 13-2046-02-T GLP: yes 2013	bulb	0 **21** 28	0.15 <0.01 <0.01	<0.01 0.013 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.15 0.033 0.031	0.18 0.063 0.061
13-2046 13-2046-03 13-2046-03-T GLP: yes 2013	bulb	0* 0 7 14 **21** 28	0.095 0.12 0.017 <0.01 <0.01 <0.01	0.011 0.012 0.018 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 0.013 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.12 0.15 0.045 <0.03 <0.03 <0.03	0.15 0.18 0.078 <0.06 <0.06 <0.06

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Table 6.3.4-67 continued

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
13-2046 13-2046-04 13-2046-04-T GLP: yes 2013	bulb	0 23 28	0.19 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.21 <0.03 <0.03	0.24 <0.06 <0.06

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* prior to last treatment

Table 6.3.4-68: Results from residue trials with methiocarb RB4 in onion in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2078 12-2078-01 12-2078-01-T GLP: yes 2012	bulb	0* 0 7 14 **21** 28	0.011 0.32 0.014 <0.01 <0.01 <0.01	0.017 0.033 0.030 0.010 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.038 0.37 0.054 0.030 <0.03 <0.03	0.068 0.40 0.084 0.060 <0.06 <0.06
12-2078 12-2078-02 12-2078-02-T GLP: yes 2012	bulb	0 **21** 28	0.16 <0.01 <0.01	0.024 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.19 <0.03 <0.03	0.22 <0.06 <0.06
12-2078 12-2078-03 12-2078-03-T GLP: yes 2012	bulb	0* 0 7 14 **21** 29	<0.01 0.15 <0.01 <0.01 <0.01 <0.01	<0.01 0.016 0.014 0.010 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.03 0.18 0.034 0.030 <0.03 <0.03	<0.06 0.21 0.064 0.060 <0.06 <0.06

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Table 6.3.4-68 continued

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2078 12-2078-04 12-2078-04-T GLP: yes 2012	bulb	0 **21** 28	0.43 <0.01 <0.01	0.078 0.036 <0.01/ 0.027**	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.13 0.027 <0.01/ 0.020**	<0.01 <0.01 <0.01	0.51 0.056 <0.03/ 0.047**	0.66 0.10 <0.06/ 0.088**
13-2045 13-2045-01 13-2045-01-T GLP: yes 2013	bulb	0* 0 10 14 **21** 28	0.043 0.29 0.014 <0.01 <0.01 <0.01	0.012 0.014 0.015 0.014 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.065 0.32 0.038 0.024 <0.03 <0.03	0.095 0.35 0.068 0.064 <0.06 <0.06
13-2045 13-2045-02 13-2045-02-T GLP: yes 2013	bulb	0 **21** 28	0.16 <0.01 <0.01	0.013 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 0.010 <0.01	<0.01 <0.01 <0.01	0.18 <0.03 <0.03	0.21 0.060 <0.06
13-2045 13-2045-03 13-2045-03-T GLP: yes 2013	bulb	0* 0 7 14 **21** 28	0.016 0.17 0.021 <0.01 <0.01 <0.01	0.013 0.017 0.020 0.024 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.039 0.20 0.050 0.044 <0.03 <0.03	0.069 0.23 0.080 0.074 <0.06 <0.06
13-2045 13-2045-04 13-2045-04-T GLP: yes 2013	bulb	0 20 27	0.19 <0.01 <0.01	0.022 0.018 0.013	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	<0.01 <0.01 <0.01	0.23 0.038 0.033	0.26 0.068 0.063

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
** residue in control, possibly a change in treated and untreated samples

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Table 6.3.4-69: Recoveries for methiocarb and metabolites in onions

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2078 12-2078-01 to -04 12-2078-01-T to -04-T and 12-2079 12-2079-01 to -04 12-2079-01-T to -04-T GLP: yes 2012	Onion	bulb	methiocarb	6	0.01	89; 90; 92; 95; 97; 99	89	99	94	4.3
				6	0.1	88; 89; 90; 96; 101; 102	88	102	94	6.6
				5	1	70; 73; 79; 86; 90	70	90	80	10.6
				17	overall		70	102	90	10.0
			methiocarb phenol	6	0.01	94; 97; 97; 99; 99; 100	94	100	98	2.2
				6	0.1	88; 90; 92; 92; 95; 97	88	97	92	3.5
				5	1	77; 79; 80; 81; 82	77	82	80	2.4
				17	overall		77	100	91	8.7
			methiocarb sulfone phenole	6	0.01	98; 99; 100; 102; 105; 107	98	107	102	3.5
				6	0.1	95; 97; 98; 98; 98; 99	95	99	98	1.4
				5	1	82; 84; 87; 89; 91	82	91	87	4.2
				17	overall		82	107	96	7.3
			methiocarb sulfoxide phenol	6	0.01	91; 98; 100; 102; 106; 111	91	111	101	6.8
				6	0.1	85; 85; 86; 100; 103; 105	85	105	94	10.2
				5	1	75; 77; 87; 90; 96	75	96	85	10.4
				17	overall		75	111	94	11.1
			methiocarb sulfone	6	0.01	95; 98; 103; 105; 106; 106	95	106	102	4.5
				6	0.1	80; 81; 87; 101; 106; 108	80	108	94	13.5
				5	1	70; 74; 87; 95; 101	70	101	85	15.5
				17	overall		70	108	94	12.9

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Table 6.3.4-69 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
12-2078 12-2078-01 to -04 12-2078-01-T to -04-T and 12-2079 12-2079-01 to -04 12-2079-01-T to -04-T GLP: yes 2012	Onion	bulb	methiocarb sulfoxide	6	0.01	95; 98; 103; 104; 105; 120	95	120	104	8.3
				6	0.1	87; 89; 90; 107; 111; 113	87	113	100	12.1
				5	1	78; 80; 84; 91; 96	78	96	86	8.8
				17	overall		78	120	97	12.4
		leaf with root collar	methiocarb	11	0.01	86; 77; 79; 75; 72; 76; 89; 95; 87; 80; 86	72	95	82	8.6
				5	0.1	88; 92; 88; 88; 83	83	92	88	3.6
				3	1	86; 81; 85	81	86	84	3.1
				19	overall mg/kg		72	95	84	7.3
			methiocarb phenol	11	0.01	70; 76; 74; 74; 74; 73; 88; 89; 88; 90; 90	70	90	81	10.2
				5	0.1	83; 83; 84; 85; 84	83	85	84	1.0
				3	1	96; 99; 102	96	102	99	3.0
				19	overall		70	102	84	10.8
			methiocarb sulfone phenole	11	0.01	89; 86; 87; 92; 90; 95; 94; 94; 93; 94; 94	86	95	92	3.4
				5	0.1	90; 89; 92; 90; 91	89	92	90	1.3
				3	1	96; 101; 102	96	102	100	3.2
				19	overall		86	102	93	4.5
			methiocarb sulfoxide phenol	11	0.01	90; 99; 101; 110; 111; 108; 96; 98; 96; 97; 97	90	111	100	6.6
				5	0.1	92; 90; 92; 90; 92	90	92	91	1.2
				3	1	97; 102; 102	97	102	100	2.9
				19	overall		90	111	98	6.7

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Table 6.3.4-69 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2078 12-2078-01 to -04 12-2078-01-T to -04-T	Onion	bulb	methiocarb sulfone	11	0.01	92; 85; 92; 82; 94; 93; 115; 115; 102; 106; 107	82	115	99	11.4
and				5	0.1	101; 94; 96; 90; 87	87	101	94	5.8
12-2079 12-2079-01 to -04 12-2079-01-T to -04-T				3	1	91; 89; 89	89	91	90	1.3
				19	overall		82	115	96	9.8
GLP: yes 2012			methiocarb sulfoxide	11	0.01	93; 93; 100; 99; 101; 99; 100; 94; 95; 94; 96	93	101	97	3.2
				5	0.1	96; 100; 93; 90; 89	89	100	94	4.8
				3	1	89; 92; 93	89	93	91	2.3
				19	overall		89	101	95	4.1
13-2045 13-2045-01 to -04 13-2045-01-T to -04-T	Onion	bulb	methiocarb	8	0.01	82; 86; 87; 87; 88; 91; 91; 95	82	95	88	4.4
				9	0.1	66; 70; 83; 87; 90; 90; 92; 94; 100	66	100	86	13
and				2	0.5	79; 85	79	85	82	
13-2046 13-2046-01 to -04 13-2046-01-T to -04-T				3	1.0	86; 88; 89	86	89	88	1.7
				22	overall		66	100	87	8.7
			methiocarb phenol	8	0.01	72; 76; 82; 94; 97; 108; 110; 111	72	111	94	16.6
GLP: yes 2013				9	0.1	71; 74; 75; 75; 75; 80; 89; 91; 93	71	93	80	10.4
				2	0.5	84; 85	84	85	85	
				3	1.0	87; 89; 90	87	90	89	1.7
				22	overall		71	111	87	13.9
			methiocarb sulfone phenole	8	0.01	63; 90; 91; 93; 95; 95; 98; 99	63	99	91	12.8
				9	0.1	79; 80; 83; 84; 89; 93; 94; 95; 96	79	96	88	7.6
				2	0.5	98; 101	98	101	100	
				3	1.0	90; 91; 94	90	94	92	2.3
				22	overall		63	101	91	9.4

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Table 6.3.4-69 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%) Individual recoveries	Min	Max	Mean	RSD
13-2045 13-2045-01 to -04 13-2045-01-T to -04-T and 13-2046 13-2046-01 to -04 13-2046-01-T to -04-T GLP: yes 2013	Onion	bulb	methiocarb sulfoxide phenol	8	0.01	81; 85; 92; 96; 99; 101; 101; 104	81	104	95	8.7
				9	0.1	85; 89; 90; 91; 92; 97; 100; 104; 104	85	104	95	7.2
				2	0.5	83; 86	83	86	85	
				3	1.0	106; 111; 112	106	112	110	2.9
				22	overall		81	112	96	9.5
			methiocarb sulfone	8	0.01	76; 80; 87; 89; 94; 106; 111; 111	76	111	94	14.5
			methiocarb sulfone	9	0.1	81; 86; 87; 90; 93; 94; 100; 103; 104	81	104	93	8.6
				2	0.5	84; 86	84	86	85	
				3	1.0	74; 76; 77	74	77	76	2
				22	overall		74	111	90	12.6
			methiocarb sulfoxide	8	0.01	86; 86; 88; 89; 89; 91; 95; 95	86	95	90	4
				9	0.1	77; 84; 86; 89; 100; 102; 103; 105; 106	77	106	95	11.3
				2	0.5	94; 99	94	99	97	
				3	1.0	106; 108; 111	106	111	108	2.3
				22	overall		77	111	95	9.7

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Leek

Report:	KCA 6.3.4/44[redacted]ダ;[redacted]; 2014; M-478307-01-1
Title:	Determination of the residues of methiocarb in/on leek after spray application of Mesurol SC 500 in Germany, the United Kingdom and northern France
Report No.:	12-2081
Document No.:	M-478307-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	none
GLP/GEP:	**yes**

Report:	KCA 6.3.4/45[redacted]; 2013; M-471778-01-1
Title:	Determination of the residues of methiocarb in/on leek after spray application of Mesurol SC 500 in Spain, Italy, Greece and southern France
Report No.:	12-2080
Document No.:	M-471778-01-1
Guideline(s):	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC EC Guidance working document 7029/VI/95 rev.5 (1997-07-22) OECD 509 Adopted 2009-09-07, OECD GUIDELINE FOR THE TESTING OF CHEMICALS, Crop Field Trial US EPA OCSPP Guideline No. 860.1500
Guideline deviation(s):	yes, but no impact
GLP/GEP:	**yes**

In total, 8 residue trials were conducted according to the target GAP of Mesurol SC 500 in/on leek in northern (4) and southern Europe (4):

Crop	Region	Application rate (g/ha)	No of application	Application interval	PHI (days)
Leek	Europe North, Europe South	75	2	10	21

Detailed information about the application of Mesurol SC 500 in the residue trials is given in Table 6.3.4-69 and Table 6.3.4-70 and in the tier 1 tables in the Appendix.

Samples of leek whole plant without roots were taken at nominal DALT 0, 21 and 28 in all trials as well as at DALT 0, 7 and 14 and 35 in additional trials.

During the shipment of samples of the Spanish trial (12-2080-01) the requested temperature of -18°C was exceeded. Therefore, a short-term storage stability study at exaggerated temperature was initiated which shows the stability of methiocarb-derived residues under the actual storage conditions (for details please refer to study M-480441-03-1 (KCA 6.1)).

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Concurrent recoveries for methiocarb and its metabolites were within guideline requirements (70-120%, RSD ≤20%). Detailed data are shown in Table 6.3.4-73.

The results of the residue analysis are summarized in Table 6.3.4-71 and Table 6.3.4-72.

The decline of methiocarb–derived residues was quicker in leek grown in southern Europe than in leek grown in northern Europe.

Directly after the second application, residues of methiocarb and methiocarb sulfoxide were major residues. These residues decline with time to below the LOQ or to low measurable levels (methiocarb max. 0.089 mg/kg after 35 days; methiocarb sulfoxide max. 0.059 mg/kg after 35 days). Traces of methiocarb sulfone were found in some trials (3) on the day of the second application, which had declined to 0.01 mg/kg within 28 days latest. Residues of methiocarb sulfoxide phenol and sulfone phenol could also be detected; they were carried over from the previous treatment and remain rather constant during the period of 28-35 days after the second application ranging between 0.01 and 0.081 mg/kg for methiocarb sulfoxide phenol and between 0.01 and 0.036 for methiocarb sulfone phenol.

Residues of methiocarb phenol could not be detected.

Conclusion

Eight residue trials in northern (4) and southern (4) Europe were conducted according to the target GAP performing two spray applications with Mesurol SC 500 on leek.

The decline of residues is expected to be quicker in leek grown in southern Europe compared to leek grown in northern Europe. After foliar spray application to leek measurable residues of methiocarb, methiocarb sulfoxide, methiocarb sulfoxide phenol and methiocarb sulfone phenol can be found in leek.

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Table 6.3.4-69: Application data of residue trials with Mesurol SC 500 in leek in Northern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2081 12-2081-01 12-2081-01-T GLP: yes 2012	Leek Vermont	Germany [redacted] Europe, North	500 SC	2	9	0.75	45
12-2081 12-2081-02 12-2081-02-T GLP: yes 2012	Leek Lyon 2 Prizetaker; Early	United Kingdom [redacted] Europe, North	500 SC	2	10	0.75	45
12-2081 12-2081-03 12-2081-03-T GLP: yes 2012	Leek Crypton; Leek	Germany [redacted] Europe, North	500 SC	2	13	0.75	48
12-2081 12-2081-04 12-2081-04-T GLP: yes 2012	Leek St Victor; winter leek	France [redacted] Europe, North	500 SC	2	10	0.75	45

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-70: Application data of residue trials with Mesurol SC 500 in leek in Southern Europe

Study Trial No. Plot No. GLP Year	Crop Variety	Country	Application				
			FL	No	Interval (days)	a.s. rate (kg/ha)	GS
12-2080 12-2080-01 12-2080-01-T GLP: yes 2012	Leek cv. ATAL	Spain [redacted] Europe, South	500 SC	2	10	0.75	44
12-2080 12-2080-02 12-2080-02-T GLP: yes 2012	Leek megaton; spring variety	Italy [redacted] Europe, South	500 SC	2	10	0.75	45
12-2080 12-2080-03 12-2080-03-T GLP: yes 2012	Leek Lagada; Short & fat stems.	Greece GR - [redacted] Europe, South	500 SC	2	10	0.75	48
12-2080 12-2080-04 12-2080-04-T GLP: yes 2012	Leek Azur; Leek	France [redacted] Europe, South	500 SC	2	11	0.75	45

FL = Formulation; GS growth stage at last applications

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Table 6.3.4-71: Results from residue trials with Mesurol SC 500 in leek in Northern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2081 12-2081-01 12-2081-01-T GLP: yes 2012	whole plant without roots	0* 0 7 14 **21** 28 35	0.39 2.1 0.22 0.049 0.021 0.012 <0.01	0.12 0.35 0.10 0.021 0.017 <0.01 0.011	0.013 0.024 0.011 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.033 0.029 0.021 0.015 0.013 0.011 0.015	0.022 0.016 0.013 0.013 <0.01 <0.01 0.010	0.51 2.5 0.33 0.080 0.048 0.032 0.031	0.58 2.6 0.37 0.12 0.081 0.062 0.066
12-2081 12-2081-02 12-2081-02-T GLP: yes 2012	whole plant without roots	0 **21** 28 35	4.3 0.27 0.13 0.089	0.24 0.11 0.075 0.059	0.014 0.015 0.010 <0.01	<0.01 <0.01 <0.01 <0.01	0.024 0.059 0.060 0.062	<0.01 0.031 0.031 0.025	4.5 0.40 0.23 0.16	4.6 0.50 0.32 0.26
12-2081 12-2081-03 12-2081-03-T GLP: yes 2012	whole plant without roots	0* 0 7 14 **21** 28	0.038 1.1 0.12 0.059 0.027 0.020	0.031 0.11 0.057 0.045 0.031 0.022	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.045 0.046 0.061 0.072 0.069 0.056	0.012 0.013 0.021 0.034 0.031 0.036	0.079 1.2 0.19 0.11 0.068 0.052	0.15 1.2 0.28 0.23 0.18 0.15
12-2081 12-2081-04 12-2081-04-T GLP: yes 2012	whole plant without roots	0 **21** 28 33	4.8 0.11 0.048 0.030	0.25 0.029 0.020 0.010	<0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01	0.059 0.078 0.081 0.050	0.010 0.032 0.024 0.025	5.0 0.15 0.078 0.050	5.1 0.27 0.19 0.13

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* prior to last treatment

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Table 6.3.4-72: Results from residue trials with Mesurol SC 500 in leek in Southern Europe

Study Trial No. Plot No. GLP Year	Portion analysed	DALT (days)	Residue (mg/kg) expressed as methiocarb							
			Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol	Total residue methio-carb (a)	Total residue methio-carb incl. phenol meta-bolites (b)
12-2080 12-2080-01 12-2080-01-T GLP: yes 2012	whole plant without roots	0* 0 7 14 21 **28** 35	0.12 2.1 0.056 0.024 <0.01 <0.01 <0.01	0.059 0.29 0.030 0.013 <0.01 <0.01 <0.01	<0.01 0.017 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.010 0.022 0.016 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.19 2.4 0.096 0.047 <0.03 <0.03 <0.03	0.22 2.4 0.13 0.077 <0.06 <0.06 <0.06
12-2080 12-2080-02 12-2080-02-T GLP: yes 2012	whole plant without roots	0 21 **28** 35	6.3 <0.01 <0.01 <0.01	1.0 <0.01 <0.01 <0.01	0.025 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01	0.16 0.025 0.025 0.013	0.021 <0.01 <0.01 <0.01	7.3 <0.03 <0.03 <0.03	7.5 0.075 0.075 0.063
12-2080 12-2080-03 12-2080-03-T GLP: yes 2012	whole plant without roots	0* 0 7 14 21 **28** 35	0.27 0.87 0.021 0.010 <0.01 <0.01 <0.01	0.049 0.069 0.033 0.012 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.090 <0.01 0.010 <0.01 <0.01 <0.01 <0.01	0.054 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0.33 0.95 0.063 0.032 <0.03 <0.03 <0.03	0.48 0.98 0.094 0.062 <0.06 <0.06 <0.06
12-2080 12-2080-04 12-2080-04-T GLP: yes 2012	whole plant without roots	0 21 **28** 34	6.3 0.20 0.084 0.023	1.0 0.044 0.021 <0.01	0.048 <0.01 <0.01 <0.01	<0.01 <0.01 <0.01 <0.01	0.068 0.010 <0.01 <0.01	0.016 <0.01 <0.01 <0.01	7.4 0.26 0.12 0.043	7.5 0.29 0.15 0.073

(a) Total residue methiocarb = sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone, expressed as methiocarb
(b) Total residue methiocarb including phenol metabolites = sum of methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol, expressed as methiocarb
* prior to last treatment

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Table 6.3.4-73: Recoveries for methiocarb and metabolites in leek, whole plant without roots

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2081 12-2081-01 12-2081-01-T to 12-2081-04 12-2081-04-T	Leek	whole plant without roots	methiocarb	5	0.01	104; 101; 90; 91; 96	90	104	96	6.3
				11	0.1	103; 98; 90; 92; 93; 92; 87; 88; 93; 78; 86	78	103	91	7.2
				2	5	76; 76	76	76	76	
				18	overall		76	104	91	9.1
and			methiocarb phenol	5	0.01	104; 104; 90; 95; 81	81	104	98	10.3
12-2080 12-2080-01 12-2080-01-T to 12-2080-04 12-2080-04-T				11	0.1	101; 75; 78; 92; 95; 87; 83; 78; 95; 70; 75	70	101	84	12
				2	5	93; 95	93	95	94	
				18	overall		70	104	88	11.8
			methiocarb sulfone phenole	5	0.01	106; 105; 98; 95; 99	95	106	101	4.7
GLP: yes 2012				11	0.1	99; 90; 88; 105; 102; 91; 88; 87; 113; 90; 91	87	113	95	9
				2	5	90; 92	90	92	91	
				18	overall		87	113	96	8
			methiocarb sulfoxide phenol	5	0.01	106; 114; 97; 97; 103	97	114	103	6.9
				11	0.1	107; 112; 95; 100; 100; 99; 89; 96; 82; 122; 123	82	123	102	12.5
				2	5	119; 120	119	120	120	
				18	overall		82	123	105	11.2
			methiocarb sulfone	5	0.01	103; 95; 96; 92; 92	92	103	96	4.7
				11	0.1	104; 107; 102; 99; 101; 96; 86; 90; 94; 97; 110	86	110	99	7.2
				2	5	79; 75	75	79	77	
				18	overall		75	110	95	9.5

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Table 6.3.4-73 continued

Study Trial No. Plot No. GLP Year	Crop	Portion analysed	a.s./ metabolite	n	Fortification level (mg/kg)	Recovery (%)				
						Individual recoveries	Min	Max	Mean	RSD
12-2081 12-2081-01 12-2081-01-T to 12-2081-04 12-2081-04-T and 12-2080 12-2080-01 12-2080-01-T to 12-2080-04 12-2080-04-T GLP: yes 2012	Leek	whole plant without roots	methiocarb sulfoxide	5	0.01	103; 106; 97; 93; 93	93	106	98	6
				11	0.1	104; 109; 103; 101; 102; 96; 88; 92; 87; 107; 112	87	112	100	8.9
				2	5	73; 76	73	76	75	
				18	overall		73	112	87	11.1

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CA 6.4 Feeding studies

Animal feeding studies (cattle feeding studies as well as poultry feeding studies) were submitted within the Annex II dossier and evaluated in the DAR.

Report:	KCA 6.4.1/02[redacted]; 1976; M-015987-01-1
Title:	Mesurol; poultry; tissues, eggs
Report No.:	MR49635
Document No.:	M-015987-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

Report:	KCA 6.4.1/01[redacted]; 1976; M-013479-01-1
Title:	Effects of feeding mesurol/mesurol sulfoxide (9:1) to chickens for 28 days
Report No.:	49639
Document No.:	M-013479-01-1
Guideline(s):	not specified
Guideline deviation(s):	none
GLP/GEP:	**no**

Report:	KCA 6.4.2/01[redacted]<; 1970; M-016008-01-1
Title:	BAY 37344; bovine; tissues
Report No.:	MR26848
Document No.:	M-016008-01-1
Guideline(s):	--
Guideline deviation(s):	--
GLP/GEP:	**no**

Report:	KCA 6.4.2/02[redacted]d; 1970; M-015989-01-1
Title:	BAY 37344; cow; milk
Report No.:	MR26879
Document No.:	M-015989-01-1
Guideline(s):	--
Guideline deviation(s):	--
GLP/GEP:	**no**

DAR (2009): "Animal transfer studies were carried out on dairy cattle dosed at 10, 30, 100 mg/kg methiocarb and hens dosed at 20, 60, 120, 360 mg methiocarb/methiocarb sulfoxide (9:1) in feed. For dairy cattle, residues of methiocarb in milk were determined at day 29 only (plateau could not be determined due to only one sample being analysed) and were 0.007 mg/kg for the 10 mg/kg dose and 0.02 mg/kg for the 30 mg/kg dose and 0.03 mg/kg for the 100 mg/kg dose. For muscle and fat, residues were <0.05 mg/kg for all three doses. For kidney, residues were <0.05 mg/kg with the exception 0.08 mg/kg for the 100 mg/kg dose rate. For liver, residues were <0.05 mg/kg with the exception 0.08 mg/kg and 0.1 mg/kg for the 30 and 100 mg/kg dose rates, respectively. For hens residues of methiocarb in eggs were determined at day 28 only (plateau could not be determined due to only one sample being analysed) and <0.02 mg/kg with the exception of 0.03 and 0.06 mg/kg for the 120 and 360 mg/kg dose rates respectively. For muscle and fat residues were <0.02 mg/kg for all four doses. For giblets (heart, gizzard, liver), residues were <0.02 mg/kg, with the exceptions of 0.06, 0.13 and 0.13 for the 60, 120 and 360 mg/kg dose rates respectively."

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These studies were not evaluated by EFSA. EFSA (2006) concluded from the livestock metabolism studies that feeding studies are not required as intakes by animals are less than 0.1 mg/kg diet/day.

The crop of the representative use of methiocarb is maize, a commodity used as livestock feed. Residues of methiocarb, methiocarb sulfoxide, methiocarb sulfone, the phenol metabolites and their glucose conjugates in all sample materials (ear without husk, immature kernel, forage and ripe kernel) were below the LOQ of 0.01 mg/kg and even below the LOD of 0.003 mg/kg. The residue values for each analyte in the different maize commodities are given in Tables 6.3.4-4a/b and 6.3.4-5a/b.

According to the OECD guidance document on residues in livestock (series on pesticides no. 73) European corn feed commodities are forage/silage, stover, grain, milled by products, hominy meal, gluten feed, gluten meal. The maize residue studies show that after seed treatment no methiocarb derived-residues are taken up into any analysed feed commodity. It can be expected that all feed comodities, even those which were not specifically analysed, will not contain measurable residues. The proposed residue definition for methiocarb in the plant is the sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone. As no measurable residues were found in maize commodities, the dietary burden was calculated according to OECD (2013) based on LOQ and LOD residue levels in maize/corn feed commodities.
Although it is unlikely that 6 analytes would be included in the residue definition for livestock, a theoretical worst case calculation of the dietary burden was conducted. In this calculation the LOQ of 0.06 mg/kg and the LOD of 0.018 mg/kg for the total residue of methiocarb including the phenol metabolites was used for all feed-relevant corn commodities.
The results are summarized below.

Residues in maize feed commodities and dietary burden:

	Dietary burden (mg/kg bw/day)			
Residue level in feed commodities (mg/kg)	**Cattle**	**Sheep**	**Swine**	**Poultry**
0.009 (LOD)	**0.001**	**0.001**	**0.000**	**0.001**
0.03 (LOQ)	**0.003**	**0.002**	**0.001**	**0.003**
0.018 (LOD incl. phenol metabolites)	0.002	0.001	0.001	0.002
LOQ of 0.06 (LOQ including phenol metabolites)	0.005	0.005	0.002	0.005

The calculated dietary burden is below the trigger value of 0.004 mg/kg bw/day. Only if the LOQ for all 6 analytes is considered, the calculated dietary burden would exceed 0.004 mg/kg bw/day.

To confirm the expected no-residue situation in animal matrices, an estimation of methiocarb-derived residues in animal tissues is given below, which is based on the results from the metabolism studies.

Livestock metabolism studies for poultry (M-013449-02-1) and for a dairy cow (M-013447-01-1), were submitted with the Annex II dossier and are cited in CA 6.2.2 and 6.2.3 of this dossier.

During the EU review the livestock metabolism studies were considered to be of limited quality: "The studies were conducted during the 1970's and were of limited quality in terms of data presentation to support the reported results. Also data to ensure that samples were stored under acceptable conditions and for appropriate periods are not available. The majority view of EPCO 29 was that the existing old livestock metabolism studies were not acceptable. The meeting agreed that the deficiency should be highlighted in the evaluation for future reference." (EFSA, 2006)

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In the livestock metabolism studies, the storage periods of the samples have not been documented. Nevertheless, the studies can be used to derive a transfer factor for the total radioactive residue (TRR), which should be stable independent on storage conditions. The TRR found in animal matrices in the livestock metabolism studies is given in Tables 6.4-1 and 6.4-2. These TRRs were extrapolated to a dietary burden of 0.05 mg/kg, which has to be considered as theoretical worst case.

The results of the extrapolation show that the total methiocarb-derived residue in edible animal matrices would be below 0.01 mg/kg, even if a dietary burden of 0.005 mg/kg bw is considered.

Table 6.4-1: Total radioactive residues (TRR) (mg/kg) from the poultry metabolism study (dietary burden 0.44 mg/kg) and extrapolation of residues to the dietary burden of 0.005 mg/kg bw/day

	TRR (mg/kg) expressed as methiocarb equivalents	
Organs and tissues	TRR from poultry metabolism study; dietary burden was 0.44 mg/kg bw/day	TRR extrapolated to the dietary burden of 0.005 mg/kg bw/day
Kidney	3.3	0.00375
Liver	2	0.00227
Gizzard	7.7	0.00875
Fat	0.7	0.00080
Skin	1.3	0.00148
Breast muscle	0.4	0.00045
Leg muscle	0.5	0.00057
Heart	0.8	0.00091
Eggs	0.08	0.00009

Table 6.4-2: Total radioactive residues (TRR) (mg/kg) in animal matrices from the dairy cow metabolism study (dietary burden was 0.14 mg/kg) and extrapolation of residues to the dietary burden of 0.005 mg/kg bw/day

	TRR (mg/kg) expressed as methiocarb equivalents	
Organs and tissues	TRR from cow metabolism study; dietary burden was 0.14 mg/kg bw/day	TRR extrapolated to the dietary burden of 0.005 mg/kg bw/day
Kidney	0.108	0.00386
Liver	0.073	0.00261
Udder	0.014	0.00050
Heart	0.011	0.00039
Renal fat	0.01	0.00036
Round muscle	<0.01	<0.00036
Shoulder	<0.01	<0.00036
Loin	<0.01	<0.00036
Milk	0.062	0.00221

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Conclusion

As no measurable residues were found in maize feed commodities from the residue trials, a feeding study is not necessary, a residue definition does not need to be derived and no MRL needs to be set on animal matrices.
Dietary burden calculations (OECD) based on residue levels in feed commodities at the LOQ of 0.03 mg/kg and the LOD of 0.009 resulted in a maximum dietary burden of below 0.003 and 0.001 mg/kg bw/day, respectively, which is below the trigger level of 0.004 mg/kg bw/day for an animal metabolism study or a feeding study.
Moreover, the results from the available metabolism studies in a cow and in laying hen for the total radioactive residue (TRR) clearly confirm that total methiocarb-derived residues in edible animal matrices would be below 0.01 mg/kg.
From all these considerations it can be concluded that no measurable residues would be found in food of animal origin from the representative use of methiocarb as seed treatment in maize, that feeding studies are not necessary and that a residue definition or an MRL for methiocarb-derived residues in edible animal matrices is not needed.

CA 6.4.1 Poultry

Please refer to 6.4.

CA 6.4.2 Ruminants

Please refer to 6.4.

CA 6.4.3 Pigs

No study was performed. Please refer to 6.4.

CA 6.4.4 Fish

As there are not expected any residues of methiocarb (methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol) in maize commodities according to the GAP proposed within this submission, there is no need for a fish feeding study.

CA 6.5 Effects of processing

The use of methiocarb in maize according to the intended GAP does not result in significant residues (≥ 0.1 mg/kg) of methiocarb and its metabolites (methiocarb sulfoxide and methiocarb sulfone and phenol metabolites) in maize kernel at harvest. Residues were below the limit of quantification in all trials (<0.01 mg/kg for each analyte) and even below the LOD of 0.003 mg/kg. The contribution by human dietary consumption of maize to the theoretical maximum daily intake (TMDI) is clearly <10% of the ADI. Therefore, studies on industrial processing and/or household preparation are not necessary.

CA 6.5.1 Nature of the residue

No studies were necessary (please see CA 6.5).

CA 6.5.2 Distribution of the residue in inedible peel and pulp

No studies were necessary (please see CA 6.5).

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CA 6.5.3 Magnitude of residues in processed commodities

No studies were necessary (please see CA 6.5).

CA 6.6 Residues in rotational crops

CA 6.6.1 Metabolism in rotational crops

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A confined rotational crop study for methiocarb was submitted with the Annex I dossier and evaluated during the European Annex I listing process. EFSA concluded in its Scientific Report (2006) 79, 1-82: "In crop rotation studies the potential incorporation of soil residues into succeeding and rotational crops is investigated. In terms of the application mode defined for the representative uses under evaluation (seed and soil treatment), the studies on succeeding crops can be considered valuable to also clarify the residue behavior of methiocarb in primary crops."

Swiss chard, wheat and sugar beet were grown in soil that had been treated with [^{14}C] methiocarb at a rate of 0.2 kg a.s./ha (1.9N). At harvest total [^{14}C] residues in the mature crops (expressed as parent equivalent) were less than 0.1 mg/kg, with the exception of wheat straw which gave residues of 0.49 mg/kg in the 30 day study falling to 0.11 mg/kg in the 163 day study.

On characterisation of the extractable radioactivity a major component was identified in the crops at harvest as methiocarb sulphoxide phenol glucoside, which accounted for 22-62% of the total radioactivity in the crops with the exception of wheat grain. Lower amounts of the corresponding free methiocarb sulphoxide phenol were found. [redacted] the potential for release of the free phenol metabolites away from conjugates and implications for consumer exposure are not known.

Several other metabolites were identified which individually were present at levels of at or less than 0.01 mg/kg, with the exception of methiocarb sulfone phenol and methiocarb phenol (both free and conjugated) which were present in wheat straw at a level of 0.07 mg/kg and 0.2 mg/kg, respectively.

From this study it could be concluded that methiocarb sulphoxide phenol, methiocarb sulfone phenol, methiocarb phenol and their glucosides may reach significant levels in rotational crops. This result confirms observations made in primary crop studies involving a soil or seed treatment."

CA 6.6.2 Magnitude of residues in rotational crops

No field rotational crop study with methiocarb was conducted. According to the EFSA Scientific Report (2006) Appendix I: "Rotational crop metabolism study indicates that a cold rotational crop study is not required".

Soil degradation studies show that methiocarb and its soil metabolites are characterised by short half lives in soil. The DT50 and DT90 values from the laboratory studies are presented below:

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Table 6.6.2-1: DT50 and DT90 values for methiocarb and methiocarb-derived soil metabolites ([redacted] and [redacted], 2015; Chapter 7.1.1.1)

Compound	n	DT50[1)] [days]	DT90[1)] [days]
Methiocarb (MTC)	5	13.7	55.8
Methiocarb sulfoxide (MSO)	5	15.3	56.2
Methiocarb sulfoxide phenol (MSOP)	4	16.7	55.6
Methiocarb sulfone phenol (MSOOP)	3	22.7	75.4
Methiocarb methoxy sulfone (MMS)	3	49.8	165.5

[1)]maximum of n values

After maize failure (30 days after seeding) according to European agricultural practice a farmer would most likely sow again maize. He also could grow vegetables or grass. For seeding of cereals, sugar beets and oilseed rape the season is already too late.

As no field rotational crop study is available, primary crop studies with methiocarb applied as seed treatment or applied by overall spreading to soil at early growth stages of the crop are used to obtain information about the uptake of methiocarb-derived residues from soil into the following crop. The studies are summarized in Chapter 6.3.4. The samples from these trials were analysed using residue analytical method 01336 ([redacted], 2013; M-468043-01-1, KCA 4.1.2) which analyses methiocarb, methiocarb sulfoxide, methiocarb sulfone and the corresponding 3 phenol metabolites including their glucose conjugates. Before the analysis the glucose conjugates of the phenol metabolites are hydrolysed to the respective phenol metabolites. The phenols released from the glucose conjugates are then analysed together with the free phenol metabolites. This means that the residue levels of the phenol metabolites reflect the sum of the free phenols and their glucose conjugates.

Maize as secondary crop following maize failure

Primary crop residue studies for seed treatment are available for maize. In these studies the methiocarb application rate was 75 g a.s./unit seed. Based on a seed rate of 2.2 units/ha an average field rate of 165 g a.s./ha can be calculated. Assuming the worst case that the whole amount of methiocarb applied with the primary crop maize is still available in the soil when the rotational crop maize is sown, which was also treated with methiocarb FS 500. Under these worst case conditions the uptake into the rotated crop could be twice as high as the uptake into the primary crop after seed treatment. Tables 6.3.4-4 and 5 summarise the individual residues in the different maize commodities. In Tables 6.3.4-4b and 5b residue values below the LOQ of 0.01 mg/kg for each analyted expressed as methiocarb are given. The LOD of the analytical method for each analyte is 0.003 mg/kg. In the different maize commodities (immature kernels sampled at BBCH 79, ears without husks sampled at BBCH 61-85, green material sampled at BBCH 85 and ripe kernels) residues of each individual analyte were below the LOD of 0.003 mg/kg. It can be concluded that assuming the a.m. worst case conditions residues of the individual analytes of <0.006 mg/kg can be expected in rotational crop maize commodities relevant for food or feed.

Vegetables and grass as potential crops following maize failure

Results from the CRC study indicate that measurable residues of the phenol metabolites or their conjugates might occur in rotational crops mainly from the 1st rotation (maize failure, pbi 30d) mainly for wheat forage, hay and straw, leaves of root crops, and leafy vegetables. To estimate the potential of field rotational crop residues in vegetables and grass the results from primary crop studies with methiocarb applied as spread application of methiocarb RB4 granules to soil are considered for a worst case estimation. The primary crop field trials with methiocarb RB4 can be considered as a worst

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case estimate for field rotational crop residues: The last application was performed 75-90 days before harvest. This PHI is much shorter that the vegetation period of wheat plus the plant back interval of 30 days, which would be considered for rotational crops.

Two spread applications of 120 g a.s./ha to soil were performed generally very early in the development of the crops to minimize contamination of the crop. The GAPs of the residue trials and the crops and commodities which were analysed are summarized in Table 6.6.2-4.
In the samples from these trials, generally, individual methiocarb-derived residues were below 0.01 mg/kg. [redacted]ver, there were few exceptions.

Cabbage heads: In one out of 4 trials low residues of methiocarb (parent compound, 0.021 mg/kg) were found in cabbage heads at harvest. Residues of the parent compound are due to a contamination of the crop during application. Residues taken up from soil by the roots do not contain methiocarb (see confined rotational crop study (DAR, 2008)). The results from the cabbage trials demonstrate that no residues would be taken up from soil into the crop.

Lettuce heads: 2 residue trials are available from the field in northern Europe, 2 trials from the field in souther Europe and 2 trials from European greenhouses. No residues were found in lettuce heads at harvest except in lettuce from one greenhouse trial. In this sample low residues of methiocarb sulfoxide phenol (0.024 mg/kg) and sulfone phenol (0.013 mg/kg) were found. Due to the special situation of greenhouse soil, the results from these trials cannot be use to estimate field rotational crop residues. Residues from the field trails do not show any residue uptake from soil into lettuce heads.

Sugar beet leaves with root collar: In samples from 7 out of 8 residue trials residues of the parent compound, methiocarb, were found (0.01-0.82 mg/kg) which indicate a direct contamination of the leaves with RB4 granules. In leaves with root collar from the trial with the highest contamination of 0.82 mg/kg methiocarb (trial 12-2103-01) residues of methiocarb sulfoxide (0.087 mg/kg) and low residues of the phenol metabolites (methiocarb phenol 0.017 mg/kg and methiocarb sulfoxide phenol 0.037 mg/kg) were also detected. As residues of the phenol metabolites were only detected in this trial with the highest contamination, it can be concluded that the residues of the phenol metabolites are degradation products of the contamination rather than residues taken up from soil.

Residues of methiocarb phenol were also found in samples of leaf with root collar from trials 13-2074-01 and 13-2074-02. These findings, [redacted]ver, are linked to samples where the untreated control plot also contained residues of methiocarb phenol at the same level. Therefore, it is unlikely that these residues are linked to the methiocarb application.

It is concluded that methiocarb-derived residues are not taken up from soil into the leaves of root vegetables.

Wheat straw: In straw samples from 3 out of 8 trials low residue of methiocarb sulfoxide phenol (0.010 – 0.022 mg/kg) and in one of these straw samples also low residue of methiocarb sulfone phenol (0.017 mg/kg) were found. It was shown that residues consist of unconjugated phenol metabolites.

It cannot be concluded whether the residues in wheat straw result from a contamination of the crop during the applications or from residues taken up from the soil. Compared to the results from the Confined Rotational Crop Study the residue levels in samples from the field studies are much lower. The results from both studies, the confined rotational crop study and the field trials, are compared in the following table.

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Table 6.6.2-2: Comparison of residues in wheat straw and forage from the confined rotational crop study and the field trials with methiocarb RB4

Analyte	Residues (mg/kg) expressed as methiocarb equivalents				
	Wheat straw			Wheat forage	
	Confined rotational crop study 1st rotation (pbi 30 days)	Confined rotational crop study 2nd rotation (pbi 160 days)	Field residue trials (no. of trials)	Confined rotational crop study 1st rotation (pbi 30 days)	Field residue trials (no. of trials)
Application rate	200 g a.s./ha		2 x 120 g a.s./ha	200 g a.s./ha	2 x 120 g a.s./ha
Methiocarb	nd	n.d.	<0.01 (8)	nd	<0.01 (4)
Methiocarb sulfoxide	0.001	<0.01	<0.01 (8)	0.002	<0.01 (4)
Methiocarb sulfone	nd	0.01	<0.01 (8)	<0.001	<0.01 (4)
Methiocarb phenol + glucose conjugate	0.071 + 0.125 = 0.196	n.d. + 0.03 = 0.03	<0.01 (8)	0.014	<0.01 (4)
Methiocarb sulfoxide phenol+ glucose conjugate	0.004 + 0.112 = 0.152	<0.01+0.03 = 0.04	<0.01 (5) 0.01, 0.012, 0.022	0.001+ 0.050 = 0.051	<0.01 (4)
Methiocarb sulfone phenol + glucose conjugate	0.052 + 0.019 = 0.071	<0.01+<0.01 = <0.02	<0.01 (7) 0.017	0.006	<0.01 (4)

nd = not detected, pbi = plant-back interval

As cereals cannot be considered as following crop after maize failure the residue levels in straw, the residue situation in cereals grown after maize harvest (2nd rotation) has to be considered. Having in mind that the results from the rotational crop study generally over-estimate the field residue levels and that methiocarb-derived residues in wheat straw had declined to very low levels from the first to the second rotation in the CRC study (see Table 6.6.2-2), it is not expected to find measurable residues in cereal straw, if winter cereals are grown after harvest of maize at a plant back interval of about 160 days.

Grass was identified as potential rotational crop after maize failure. Residues in wheat forage could be extrapolated to grass as a worst case estimation as grass would have a much longer PHI than wheat forage. From the results in wheat forage a residue level of <0.01 mg/kg for each analyte would be expected in grass and even <0.003 mg/kg as shown in Table 6.6.2-3. Residues in hay can be calculated based on the dry matter content. Residues in wheat forage (ca. 25% dry matter) of <0.003 mg/kg would result in residues in hay (88% dry matter) of below the LOD of 0.01 mg/kg for each analyte.

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Table 6.6.2-3 Residue data <LOQ of 0.01 mg/kg for methiocarb and its metabolites in wheat forage. Studies 13-2066 and 13-2067 are reported under 6.3.4. Values below the LOD of 0.003 mg/kg cannot be evaluated.

Trial No. Region	Portion analysed	GS	DALT	Residue (mg/kg) expressed as methiocarb					
				Methio-carb	Methio-carb sulf oxide	Methio-carb sulfone	Methio-carb phenol	Methio-carb sulf-oxide phenol	Methio-carb sulfone phenol
13-2066-01 EUN	green material	75	55	-0.00071	-0.00090	-0.00123	0.00192	0.00037	0.00062
13-2066-02 EUN	green material	75	51	-0.00071	-0.00069	-0.00123	0.00186	0.00021	-0.00053
13-2067-01 EUS	green material	75	41	-0.00063	-0.00133	-0.00080	0.00065	0.00136	0.00003
13-2067-02 EUS	green material	75	28	-0.00081	-0.00190	-0.00153	0.00060	0.00139	-0.00028

GS= growth stage (BBCH code) at last application; DALT = days after last application

Overall conclusion

From the confined rotational crop study it can be concluded that methiocarb-derived residues in rotational crops (mainly the phenol metabolites and their glucose conjugates) are most critical after maize failure (plant-back interval 30 days).
The available short half-lives of methiocarb and metabolites in soil do not give rise to an assumption that under field conditions methiocarb-derived residues are taken up from soil into rotational crops.
In European agricultural practice, potential rotational crops after maize failure are maize, vegetables and grass. Primary crop studies with methiocarb applied to soil or as seed treatment were used for a worst case estimation of rotational crop residues in potential succeeding crops. From these studies it can be concluded that no measurable residues (< LOQ of 0.01 mg/kg) of methiocarb, methiocarb sulfoxide, methiocarb sulfone, the free phenol metabolites and their glucose conjugates can be expected in rotational crops like vegetables and grass, grown after maize failure (plant-back interval 30 days) or in crops grown after harvest of maize.

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Table 6.6.2-4: Summary of the primary crop residue program with methiocarb seed treatment or granular soil applications: GAP and the analysed commodities

Crop	No. of trials	No. of appl. x g a.s. /ha	Application interval (days)	GS	PHI (days)	Commodity analysed
Maize	4	1 x 165	n.a.	BBCH 00	n.a.	Immature kernel (BBCH 79), ear without husk (BBCH 61, 79, 85), kernel (BBCH 89)
Rape	4	1 x 75	n.a.	BBCH 00	n.a.	Seed
Strawberry	6	2 x 120	7	BBCH 69-71	n.a.	Fruits from first harvest
Potato	4	2 x 120	n.a.	n.a.	21	Tuber
Tomato	2	2 x 120	14	n.a.	65	Fruit
Cauliflower	4	2 x 120	7	BBCH 19/41	n.a.	Head
Head cabbage	4	2 x 120	7	BBCH 19/41	n.a.	Head
Lettuce	6	2 x 120	7	BBCH 19/41	n.a.	Head
Artichoke	2	2 x 150	14	n.a.	14	Flowerhead
Rape	8	2 x 120	7	BBCH 30	n.a.	Seed
Wheat	8	2 x 120	7	n.a.	80	Green material (BBCH 75) grain, straw
Sugar beet	2	2 x 120	7	n.a.	80	Root, leaf with root collar

n.a. = not relevant GS = growth stage at last application

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CA 6.7 Proposed residue definitions and maximum residue levels

CA 6.7.1 Proposed residue definitions

The RMS (United Kingdom) stated in the Methiocarb Addendum – Confirmatory Data (2011) "The residue definition for Annex I inclusion could not be confirmed during the peer review procedure for methiocarb but was proposed by the RMS as the Codex Alimentarius Commission (CAC) definition i.e. sum of methiocarb, methiocarb sulfoxide (M01) and methiocarb sulfone (M02) expressed as methiocarb. [redacted]ver, it was noted during expert meeting (EPCO 29) that methiocarb-phenol (M03), methiocarb-sulfoxide-phenol (M04) and methiocarb-sulfone-phenol (M05) (the phenol metabolites) were present in primary and rotational crop metabolism studies at significant levels. They were commonly present as conjugated material and also, usually to a lesser extent, free metabolites. The potential for release of free phenol 4 metabolites away from conjugates was noted but because there was no supervised trial data on oilseed rape or maize the actual levels of these metabolites is unknown.

The EFSA Conclusion highlighted that at the time of Annex I Inclusion there was insufficient information available to have a firm view on the residue definition and proposed two options:

1. To include all phenol metabolites in the residue definition and provide more information on suitable methods and appropriate residue trials or
2. To address the toxicity of the phenol metabolites further

Therefore, as part of the response to the confirmatory data requirements set in the Inclusion Directive for methiocarb, the notifier submitted studies to address the toxicity of the phenol metabolites in order to fulfil the second option. These studies have been reviewed and are presented in this addendum to the Draft Assessment Report.

The submitted data assessed along with the data from the review confirms that the phenol metabolites are of lower acute oral toxicity in comparison to methiocarb and of comparable toxicity regarding all other toxicological endpoints such as genotoxicity (where negative results were shown in the Ames test), chronic toxicity and reproductive toxicity. This supports the view considered in the review that the phenol metabolites do not contain the toxicologically active group responsible for carbamate toxicity and hence would be unlikely to contribute significantly to methiocarb toxicity. Notwithstanding this conclusion, on the basis of plant metabolism studies the amounts of phenol metabolites present in crops, either free or in the conjugated form could be significant, depending upon the time and type of application.

For applications made at early growth stages or for seed treatment applications such as the considered representative uses for the review, the plant metabolism studies indicate that positive residues (>0.01 mg/kg) of the phenol metabolites in the harvestable crop (oilseed rape seed and maize [cob grain and fodder]), are unlikely to result from the proposed uses in oilseed rape (before GS 32 oilseed rape at least 3 months before harvest) and maize (seed treatment).

[redacted]ver, for later applications and uses on other crops, inclusion of the phenol metabolites in the residues definition for risk assessment must be considered further.

Therefore, on the basis of the available information, the following residue definition for both monitoring and risk assessment purposes can be proposed for applications made at an early growth stage in oilseed crops and seed treatments:
Methiocarb and its sulphoxide and sulphone metabolites expressed as methiocarb metabolites expressed as methiocarb.
For applications made closer to harvest and for other crops only provisional definitions can be proposed:
For monitoring: Methiocarb and its sulphoxide and sulphone metabolites expressed as methiocarb

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For risk assessment: Methiocarb and its sulphoxide and sulphone metabolites plus their phenol metabolites expressed as methiocarb.

Further information to support crops where the application is made close to harvest, to fully determine the inclusion or exclusion of the phenol metabolites in the residue definition for risk assessment must be considered (in cases where residue trial data are required to be generated the residue samples must be analysed for methiocarb and its sulphoxide and sulphone metabolites and its phenol metabolites in order to refine the residue definition for risk assessment).

An animal residue definition is not proposed, due to the metabolism study indicating that residues in animal products would be significantly less than 0.01 mg/kg."

A new crop residue program was conducted including the analysis of the phenol metabolites to support the decision on a residue definition. Residue trials were conducted for seed treatment applications (Methiocarb FS 500), granular spread applications to soil (Methiocarb RB 4) and foliar spray applications (Methiocarb SC 500).
Residue trials with seed treatment were conducted in maize and oilseed rape. Target crops for methiocarb spread applications to soil were strawberries, potatoes, tomatoes, cauliflower, cabbage, lettuce, globe artichokes, rape, wheat and sugar beet. Foliar spray applications were conducted in onion, leek and grape. The studies are presented in Chapter 6.3.4.

The residue definition of the data collection method covers methiocarb, methiocarb sulfoxide, methiocarb sulfone, methiocarb phenol, methiocarb sulfoxide phenol and methiocarb sulfone phenol and the glucose conjugates of the phenol metabolites. The selected analytes include the majority of the metabolites identified in the plant metabolism studies and the confined rotational crop study. The glucose conjugates of the phenol metabolites were hydrolysed to the corresponding phenol metabolites and determined together with the phenol metabolites. Therefore residues of the phenol metabolites given in Chapter 6.3.4 combine the residues of the free phenols and the corresponding glucose conjugates.

The results from the seed treatment trials confirm the conclusions of EFSA and the RMS that no measurable residues would occur in food and feed relevant matrices when methiocarb is used as seed treatment.

The results from granular early-season soil applications confirm that generally no residues can be expected in food and feed relevant matrices. Early-season application timing was performed according to the previously supported GAP to avoid contamination of the edible part of the crop with the granules. Nevertheless, residues of methiocarb after early-season soil applications occurred occasionally in cabbage heads and sugar beet tops (where edible parts were present already at early applications). These residues have to be explained by a contamination of the crop with methiocarb granules or parts thereof. Residues taken up from soil would not contain methiocarb (see CA 6.6). Main residues after a contamination were methiocarb and methiocarb sulfoxide. Low amounts of the phenol metabolites may occur in samples with a high level of contamination. Re-analysis of one sugar beet sample omitting the enzymatic hydrolysis step s[redacted]d that the phenol residues were present in conjugated form (see CA 6.3.4).
In 3 of 8 samples of wheat straw low residues of the phenol metabolites, methiocarb sulfoxide phenol and methiocarb sulfone phenol were found at harvest. It cannot be concluded whether these residues are due to a contamination or due to an uptake of residues from soil. Re-analysis of the straw samples omitting the enzymatic hydrolysis s[redacted]d that the phenol metabolites were present in unconjugated form (see CA 6.3.4).
The frequency and the level of methiocarb-derived residues in the crops after early soil applications were low. The results from the available residue trials demonstrate that after an accidential contamination of a crop with methiocarb the majority of the resulting residues would be covered by the residue definition including methiocarb, methiocarb sulfoxide and methiocarb sulfone.

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The metabolism studies with foliar spray application propose the residues definition "sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb" for dietary risk assessment as these metabolites are most prominent with respect to toxicology and quantity. As the representative use of methiocarb is seed treament the residue data from new residue studies with foliar spray applications in leek, onion and grape are submitted as supplementary information. After foliar spray applications, at short PHIs, methiocarb and methiocarb sulfoxide are major residues. At longer PHIs total residues are degraded to comparably low levels and residues of methiocarb sulfoxide phenol - although low – may become more prominent than residues of methiocarb and methiocarb sulfoxide. Re-analysis of the grape samples omitting the enzymatic hydrolysis s[redacted]d that the phenol metabolites in grape were present in conjugated form (see CA 6.3.4).
As foliar spray applications are not supported with this dossier, there is no need to consider the residue situation after spray application to derive a residue definition.

Rotational crop residues are considered to be of no importance. The confined rotational crop study indicated that the phenol metabolites and their glucose conjugates would be major residues in rotational crops. Samples from the primary crop studies with soil applications or seed treatment were analysed for methiocarb, methiocarb sulfoxide, methiocarb sulfone, the phenol metabolites and their glucose conjugates and were evaluated for a worst case estimation of rotational crop residues. From these studies it was concluded that no methiocarb-derived residues can be expected in potential rotational crops following maize failure or maize harvest. Therefore, a residue definition for rotational crops is not needed.

For the representative use of methiocarb as seed treatment in maize the residue definition for dietary risk assessment and for monitoring as "sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb" is considered adequate. No measurable residues in food or feed relevant matrices of maize are expected from this use, neither of the carbamate compounds nor of the phenol metabolites. The proposed residue definition covers the majority of residues resulting from possible accidental contaminations of the crop and covers the compounds of major toxicological concern.

For animal matrices a residue definition is not needed. No residues above the LOD of 0.003 mg/kg for each analyte were found in maize feed commodities. The calculated dietary burden is below 0.004 mg/kg and does not trigger a metabolism study. No residue definition is needed for animal matrices.

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CA 6.7.2 Proposed maximum residue levels (MRLs) and justification of the acceptability of the levels proposed

Table 6.7.2-1 lists the MRLs as presented in the Regulation (EC) No. 839/2008. The residues for maize kernel which is the only crop to be supported were below the LOQ (0.05 mg/kg) for the proposed residue definitions "sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb". Therefore, the residues are well covered by the exisiting MRL of 0.1 mg/kg and no new MRL has to be proposed as part of this submission.

Table 6.7.2-1: Maximum Residue Limits (MRL) for methiocarb in the EU (established under Regulation (EC) No 839/2008)

Crop	MRL (mg/kg)
Grapefruits, oranges	0.1*
Lemons, limes, mandarins, others	0.2
Tree nuts	0.2
Apples, pears	0.1*
Quinces, medlars, loquats/Japanese medlars, others	0.2
Stone fruits	0.2
Grapes	0.2
Strawberries	1
Cane fruits, other small fruits and berries	0.2
Miscellaneous fruits with edible peel, inedible peel, small, avocados, papayas, granate apples/pomegranates, cherimoyas, guavas, breadfruits, durians, sourspos/guanabanas, others	0.2
Bananas, mangoes, pineapples	0.1*
Root and tuber vegetables	0.1*
Bulb vegetables (except onions)	0.5
Onions	0.1*
Tomatoes, sweet peppers/bell peppers, cucumbers, gherkins, other cucurbits with edible peel, pumpkins, watermelons, other cucurbits with inedible peel	0.2
Aubergines/eggplants, okra/lady's fingers, sweet corn, other fruiting vegatables	0.1*
Courgettes, melons	0.5
Brassica vegetables (excluding brassica roots and brassica baby leaf crops)	0.1*
Lamb's lettuces/corn salads, lettuces, cresses and other sprouts and shoots, land cresses, roman rocket/rucola, red mustards, baby leaf crops (including brassica species), other lettuces and salad plants	1
Escaroles/broad-leaved endives	0.1*
Spinaches, chards/beet leaves, witloofs/Belgian endives	0.1*
Purslanes	0.2
Other spinaches and similar leaves, grape leaves and similar species, watercresses, herbs and edible flowers	1
Beans (with pods), peas (with pods)	0.2
Beans (without pods), peas (without pods), lentils, other legume vegetables	0.1*
Stem vegetables (without leeks)	0.1*
Leeks	0.2
Fungi, mosses and lichens, Algae and prokaryotes organisms	0.1*
PULSES	0.1*

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Crop	MRL (mg/kg)
OILSEEDS AND OIL FRUITS (without olives for oil production)	0.1*
olives for oil production	0.2
CEREALS	0.1*
TEAS, COFFEE, HERBAL INFUSIONS, COCOA AND CAROBS	0.1*
HOPS	0.1*
SPICES	0.1*
SUGAR PLANTS	0.1*
PRODUCTS OF ANIMAL ORIGIN -TERRESTRIAL ANIMALS	0.05*
Honey and other apiculture products, amphibians and reptiles, terrestrial invertebrate animals, wild terrestrial vertebrate animals	0.05

* set at the LOQ of the method.

CA 6.7.3 Proposed maximum residue levels (MRLs) and justification of the acceptability of the levels proposed for imported products (import tolerance)

No new MRLs are being proposed; no new import tolerances are requested.

CA 6.8 Proposed safety intervals

Methiocarb is intended for the use as seed treatment of maize. Therefore, the pre-harvest interval is covered by the vegetation period of the crop. There is no need to set a pre-harvest interval.

CA 6.9 Estimation of the potential and actual exposure through diet and other sources

Long-term and short-term consumer exposure to potential methiocarb residues is estimated according to the EFSA PRIMo model (revision 2).

Acceptable Daily Intake (ADI) and Dietary Exposure Calculation

The Acceptable Daily Intake (ADI) is proposed to be set to 0.013mg/kg bw/day based on a 90-day dietary study in dogs.

End-Point	Value	Study	Safety factor	Reference
ADI	0.013 mg/kg bw/day	90-day dietary study in dog	100	SANCO/10039/2006 final rev. 2 & EFSA Scientific Report (2006) 79, 1-82

In order to evaluate the potential chronic exposure to methiocarb residues through the diet, the Theoretical Maximum Dietary Intakes (TMDI) were estimated using the EFSA PRIMo model (revision 2). For the evaluation of the chronic exposure the model uses 5 WHO diets relevant to the EU and 22 national diets from 13 different EU Member States.

The calculation of the Theoretical Maximum Daily Intake (TMDI) was performed taking into account the existing MRLs for methiocarb as established in Regulation (EC) No 839/2008 (please refer to Table 6.7.2.1). Calculations were made using the lowest aggregation level of food commodities meaning that in the spreadsheet the MRLs were not entered at crop group levels but at individual crop levels. This procedure represents a worst-case scenario as the only use to be supported by BCS is a seed treatment application of methiocarb to maize (see CA 6.3.4). Residues in other crops are not to be expected.

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Details of TMDI calculations for methiocarb are presented in Table 6.9-1.

The TMDI for the most vulnerable consumer group did not exceed 48.1% of the ADI. Hence consumption of methiocarb residues with food is not expected to impose a chronic risk to the consumer.

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Table 6.9-1: TMDI calculation of methiocarb according to EFSA PRIMo (rev. 2.0)

Methiocarb

Status of the active substance:		Code no.	
LOQ (mg/kg bw):		proposed LOQ:	
Toxicological end points			
ADI (mg/kg bw/day):	0.013	ARfD (mg/kg bw):	
Source of ADI:		Source of ARfD:	
Year of evaluation:		Year of evaluation:	

Prepare workbook for refined calculations

Undo refined calculations

The risk assessment has been performed on the basis of the MRLs collected from Member States in April 2006. For each pesticide/commodity the highest national MRL was identified (proposed temporary MRL = pTMRL).
The pTMRLs have been submitted to EFSA in September 2006.

Chronic risk assessment

	TMDI (range) in % of ADI minimum - maximum
	8 48
No of diets exceeding ADI:	---

Highest calculated TMDI values in % of ADI	MS Diet	Highest contributor to MS diet (in % of ADI)	Commodity / group of commodities	2nd contributor to MS diet (in % of ADI)	Commodity / group of commodities	3rd contributor to MS diet (in % of ADI)	Commodity / group of commodities	pTMRLs at LOQ (in % of ADI)
48.1	WHO Cluster diet B	6.6	Wheat	4.7	Tomatoes	4.1	Wine grapes	
45.2	NL child	11.3	Milk and milk products: Cattle	4.0	Apples	4.5	Potatoes	
44.9	DE child	9.0	Apples	5.5	Milk and milk products: Cattle	3.8	Strawberries	
39.8	IE adult	3.1	Melons	2.9	Wine grapes	2.7	Sweet potatoes	
34.8	UK Toddler	17.6	Sugar beet (root)	3.0	Wheat	2.7	Potatoes	
30.6	FR infant	9.9	Milk and milk products: Cattle	3.8	Strawberries	3.2	Potatoes	
28.7	FR toddler	4.8	Strawberries	3.9	Potatoes	2.0	Apples	
26.8	ES child	4.8	Milk and milk products: Cattle	3.4	Wheat	3.2	Lettuce	
26.8	WHO cluster diet E	3.7	Wine grapes	3.0	Wheat	3.0	Potatoes	
24.8	WHO regional European diet	3.4	Potatoes	2.9	Lettuce	2.3	Wheat	
24.3	WHO cluster diet D	5.0	Wheat	3.1	Potatoes	1.8	Milk and milk products: Cattle	
24.2	SE general population 90th percentile	4.8	Milk and milk products: Cattle	3.2	Potatoes	2.5	Wheat	
23.8	FR all population	9.2	Wine grapes	2.5	Wheat	1.5	Other lettuce and other salad	
23.3	UK Infant	7.8	Sugar beet (root)	2.5	Potatoes	2.0	Wheat	
23.1	DK child	4.2	Wheat	3.4	Rye	2.5	Cucumbers	
22.3	PT General population	5.7	Wine grapes	4.1	Potatoes	3.0	Wheat	
21.9	WHO Cluster diet F	2.8	Wheat	2.6	Potatoes	2.3	Lettuce	
20.0	ES adult	4.1	Lettuce	1.9	Milk and milk products: Cattle	1.8	Wheat	
19.9	IT kids/toddler	5.1	Wheat	2.2	Lettuce	2.2	Tomatoes	
18.5	NL general	2.5	Milk and milk products: Cattle	2.1	Potatoes	1.6	Wheat	
17.2	IT adult	3.2	Wheat	2.9	Lettuce	1.8	Tomatoes	
15.3	UK vegetarian	2.9	Sugar beet (root)	2.9	Wine grapes	1.6	Wheat	
13.4	UK Adult	3.1	Sugar beet (root)	2.5	Wine grapes	1.3	Wheat	
11.8	LT adult	2.4	Potatoes	1.5	Milk and milk products: Cattle	1.4	Apples	
11.4	DK adult	3.2	Wine grapes	1.5	Wheat	1.1	Potatoes	
9.6	PL general population	2.6	Potatoes	1.6	Apples	1.4	Tomatoes	
8.2	FI adult	0.8	Potatoes	0.8	Wheat	0.7	Oranges	

Conclusion:
The estimated Theoretical Maximum Daily Intakes (TMDI) based on pTMRLs were below the ADI.
A long-term intake of residues of Methiocarb is unlikely to present a public health concern.

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Acute Reference Dose (ARfD) and Dietary Exposure Calculation

The Acute Reference Dose (ARfD) is 0.013mg/kg bw/day based on a 90-day dietary study in dogs.

End-Point	Value	Study	Safety factor	Reference
ARfD	0.013 mg/kg bw/day	90-day dietary study in dog	100	SANCO/10039/2006 final rev. 2 & EFSA Scientific Report (2006) 79, 1-82

In order to evaluate the potential acute exposure to methiocarb residues through the diet, the International Estimated Short Term Intakes (IESTI) were estimated using the EFSA PRIMo model (revision 2). For the evaluation of the acute exposure 19 national diets from 11 different EU Member States are used.
IESTI calculations were performed for the crops/commodities relevant to this application which is maize kernel only. Residues in trials of maize (see CA 6.3.4) were < LOQ (<0.03 or 0.06 mg/kg for the sum of methiocarb, methiocarb sulfoxide and methiocarb sulfone expressed as methiocarb or the sm of methiocarb, methiocarb sulfoxide and methiocarb sulfone including phenol metabolites expressed as methiocarb, respectively). Using the actual MRL of 0.1 mg/kg for the IESTI calculations represents therefore a very conservative approach.
The results for the supported use of maize show that the acute exposure to methiocarb residues through diet does not exceed 5.2% of the ARfD for children and 1.6% of the ARfD for adults. Hence consumption of methiocarb residues is not expected to impose an acute risk to consumer.

Table 6.9-2: Acute risk assessment children

IESTI 1	*)	**)	IESTI 2	*)	**)
Highest % of ARfD/ADI	Commodities	pTMRL/ threshold MRL (mg/kg)	Highest % of ARfD/ADI	Commodities	pTMRL/ threshold MRL (mg/kg)
5.2	Maize	0.1/ -	5.2	Maize	0.1/ -

*) The results of the IESTI calculations are reported for at least 5 commodities. If the ARfD is exceeded for more than 5 commodities, all IESTI values > 90% of ARfD are reported.
**) pTMRL: provisional temporary MRL

Table 6.9-3: Acute risk assessment adults and general population

IESTI 1	*)	**)	IESTI 2	*)	**)
Highest % of ARfD/ADI	Commodities	pTMRL/ threshold MRL (mg/kg)	Highest % of ARfD/ADI	Commodities	pTMRL/ threshold MRL (mg/kg)
1.6	Maize	0.1/ -	1.6	Maize	0.1/ -

*) The results of the IESTI calculations are reported for at least 5 commodities. If the ARfD is exceeded for more than 5 commodities, all IESTI values > 90% of ARfD are reported.
**) pTMRL: provisional temporary MRL

CA 6.10 Other studies

Since all aspects for the active substance are sufficiently addressed in this document, other special studies are not needed.

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CA 6.10.1 Effect on the residue level in pollen and bee products

In the residue studies supporting the representatibve use (CA 6.3.4) samples from young corn plants, collected 27-41 days after sowing, which coincides with the period where guttation is most likely to occur in maize, contained no measurable residue of methiocarb and methiocarb sulfone and only traces of methiocarb-sulfoxide (< 0.01 – 0.07 mg/kg) in the whole plant (without root). In later samples, residues of methiocarb, methiocarb-sulfoxide and methiocarb-sulfone were below the limit of quantitation (<0.01 mg/kg). From these results it would be expected that no considerable residues are taken up into bee relevant matrices.

Residue studies in pollen of seed-treated maize were performed (see MCP 10.3.1). No residues of methiocarb, methiocarb sulfoxide and methiocarb sulfone could be detected in maize pollen.

Residue analysis of guttation fluid (see MCP 10.3.1) revealed that methiocarb, methiocarb-sulfoxide and methiocarb-sulfone-residues were generally highest in young plants. Residues of methiocarb, methiocarb-sulfoxide and methiocarb-sulfone in the guttation fluid declined during the growth of the maize plants. The maximum residue level of methiocarb was 0.066 mg/L. The maximum residue level of methiocarb-sulfoxide was 35.1 mg/L and the maximum residue level of methiocarb-sulfone was 1.1 mg/L.
Honey bees are observed to collect guttation water from maize, [redacted]ver, due to the short period of time a guttation event may occur and the small proportion of bees exposed means that this is not considered a significant uptake of residues by the colony.

Honey (No. 1040000) was included in the dietary risk assessment by its default MRL of 0.05 mg/kg. Based on PRIMo rev.2-calculations (see Table 6.9-1) resulting in 48.1% of the ADI, at maximum (WHO cluster diet B), honey is not listed amoung the 27th highest residue contributors for the chronic risk assessment. The acute risk assessment for honey resulted in a maximum IESTI of 0.5% of the ARfD for children and adults.

Therefore, honey, pollen and other bee products are unlikely to cause an unacceptable health risk to consumers.

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Appendix 1 Tier 1 summaries

Table of Contents

1 Crop: Maize 181
2 Crop: Rape 247
3 Crop: Strawberries 280
4 Crop: Potato 305
5 Crop: Tomato 322
6 Crop: Cauliflower 331
7 Crop: Cabbage: 348
8 Crop: Lettuce 365
9 Crop: Globe Artichokes 390
10 Crop: Rape 399
11 Crop: Wheat 432
12 Crop: Sugar Beet 467
13 Crop: Grapes 500
14 Crop: Onion 533
15 Crop: Leek 651

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(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

Crop: Maize

Studies:
- 12-2083
- 13-2050
- 13-2051

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(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	seed for sowing	4190	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01 <0.01 <0.01	109 138 161	(g) 01336 (h) 0.01 mg/kg
									kernel, immature	<0.01	138	
									green material	<0.01	161	
									kernel	<0.01	179	

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)
(Application on agricultural and horticultural crops)
Active substance : methiocarb

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Responsible body for reporting (name and address)	:	**Bayer CropScience AG, [redacted]**	**Crop/Crop Group**	:	**Corn, maize**
Country	:	**Germany**	**Page**	:	**2- A**
Content of active substance (g/kg or g/L)	:	**500 g/L**	**Indoor/outdoor**	:	**Outdoor**
Formulation (e.g. WP)	:	**500 FS**	**Other a.s. in formulation (common name and content)**	:	
Commercial product (name)	:	**Mesurol FS 500**	**Residues determined as**	:	**methiocarb**
Producer of commercial product	:	**Bayer CropScience AG**	**Residues calculated as**	:	**methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	seed for sowing	42-70	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01	76	(g) 01336 (h) 0.01 mg/kg
										<0.01	108	
										<0.01	118	
									kernel, immature	<0.01	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.01	118	
									kernel	<0.01	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	seed for sowing	3550	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01	67	(g) 01336 (h) 0.01 mg/kg
										<0.01	88	
										<0.01	102	
									kernel, immature	<0.01	88	
									green material	<0.01	102	
									kernel	<0.01	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	seed for sowing	3770	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01 <0.01 <0.01	86 113 126	(g) 01336 (h) 0.01 mg/kg
									kernel, immature	<0.01	113	
									green material	<0.01	126	
									kernel	<0.01	160	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	109 138 161	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	138	
									green material	<0.01	161	
									kernel	<0.01	179	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	76 108 118	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.01	118	
									kernel	<0.01	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	88	
									green material	<0.01	102	
									kernel	<0.01	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk kernel, immature green material kernel	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	86 113 126 113 126 160	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	109 138 161	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	138	
									green material	<0.01	161	
									kernel	<0.01	179	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	76 108 118	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.01	118	
									kernel	<0.01	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	88	
									green material	<0.01	102	
									kernel	<0.01	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 113 126	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	126	
									kernel	<0.01	160	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk kernel, immature green material kernel	<0.03 <0.03 <0.03 <0.03 <0.03 <0.03	109 138 161 138 161 179	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk kernel, immature green material kernel	<0.03 <0.03 <0.03 <0.03 <0.03 <0.03	76 108 118 108 118 137	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.03 <0.03 <0.03	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.03	88	
									green material	<0.03	102	
									kernel	<0.03	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk	<0.03 <0.03 <0.03	86 113 126	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.03	113	
									green material	<0.03	126	
									kernel	<0.03	160	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	109 138 161	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	138	
									green material	<0.01	161	
									kernel	<0.01	179	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	76 108 118	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.01	118	
									kernel	<0.01	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	88	
									green material	<0.01	102	
									kernel	<0.01	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (h)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk kernel, immature green material kernel	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	86 113 126 113 126 160	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk kernel, immature green material kernel	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	109 138 161 138 161 179	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	76 108 118	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.01	118	
									kernel	<0.01	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	88	
									green material	<0.01	102	
									kernel	<0.01	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 113 126	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	126	
									kernel	<0.01	160	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk kernel, immature green material kernel	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	109 138 161 138 161 179	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	76 108 118	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.01	118	
									kernel	<0.01	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	88	
									green material	<0.01	102	
									kernel	<0.01	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 113 126	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	126	
									kernel	<0.01	160	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-01 12-2083-01-T United Kingdom GB-[redacted] 2012	Maize/Corn Gladi	1) 20.04.2012 2) 07.08.2012 - 21.08.2012 3) 15.10.2012 - 30.10.2012	BEZ	75 g/unit			20.04.2012/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	109 138 161	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	138	
									green material	<0.06	161	
									kernel	<0.06	179	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-02 12-2083-02-T France, north F-[redacted] 2012	Maize/Corn Gladi	1) 04.05.2012 2) 23.07.2012 - 06.08.2012 3) 16.09.2012 - 29.09.2012	BEZ	75 g/unit			04.05.2012/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	76 108 118	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	108	Storage temperature exceeded, therefore special stability study S13-03307.
									green material	<0.06	118	
									kernel	<0.06	137	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **3- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-03 12-2083-03-T Italy [redacted] 2012	Maize/Corn Scandi	1) 10.05.2012 2) 10.07.2012 - 20.07.2012 3) 10.09.2012 - 30.09.2012	BEZ	75 g/unit			10.05.2012/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	67 88 102	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	88	
									green material	<0.06	102	
									kernel	<0.06	130	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **4- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2083 12-2083-04 12-2083-04-T Spain E-[redacted] 2012	Maize/Corn Scandi	1) 10.04.2012 2) 02.07.2012 - 15.07.2012 3) 15.09.2012 - 10.10.2012	BEZ	75 g/unit			10.04.2012/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	86 113 126	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	113	
									green material	<0.06	126	
									kernel	<0.06	160	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	seed for sowing	4870	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg seed rate: 2.2 units/ha day 0: c=38 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01 <0.01 <0.01	92 113 135	(g) 01336 (h) 0.01 mg/kg
									kernel, immature	<0.01	113	
									green material	<0.01	135	
									kernel	<0.01	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	seed for sowing	5590	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg seed rate: 2.2 units/ha day 0: c=17 mg/kg 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01 <0.01 <0.01	86 114 134	(g) 01336 (h) 0.01 mg/kg
									kernel, immature	<0.01	114	
									green material	<0.01	134	
									kernel	<0.01	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	135	
									kernel	<0.01	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	114	
									green material	<0.01	134	
									kernel	<0.01	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	135	
									kernel	<0.01	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	114	
									green material	<0.01	134	
									kernel	<0.01	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] [redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.03 <0.03 <0.03	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.03	113	
									green material	<0.03	135	
									kernel	<0.03	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.03 <0.03 <0.03	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.03	114	
									green material	<0.03	134	
									kernel	<0.03	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	135	
									kernel	<0.01	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	114	
									green material	<0.01	134	
									kernel	<0.01	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	135	
									kernel	<0.01	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	114	
									green material	<0.01	134	
									kernel	<0.01	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	113	
									green material	<0.01	135	
									kernel	<0.01	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	114	
									green material	<0.01	134	
									kernel	<0.01	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-01 13-2050-01-T Germany D-[redacted] 2013	Maize/Corn Gladi	1) 30.04.2013 2) 31.07.2013 - 05.08.2013 3) 15.09.2013 - 15.11.2013	BEZ	75 g/unit			30.04.2013/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	92 113 135	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	113	
									green material	<0.06	135	
									kernel	<0.06	154	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2050 13-2050-02 13-2050-02-T Netherlands NL-[redacted] 2013	Maize/Corn Gladi	1) 28.05.2013 2) 25.08.2013 - 01.09.2013 3) 15.10.2013 - 25.10.2013	BEZ	75 g/unit			28.05.2013/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	86 114 134	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg seed rate: 2.2 units/ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	114	
									green material	<0.06	134	
									kernel	<0.06	143	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	seed for sowing	4910	0	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg day 0: c=52 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01 <0.01 <0.01	83 97 111	(g) 01336 (h) 0.01 mg/kg
									kernel, immature	<0.01	97	
									green material	<0.01	111	
									kernel	<0.01	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	seed for sowing	4530	-1	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg day -1: c=51 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									ear without husk	<0.01 <0.01 <0.01	90 111 127	(g) 01336 (h) 0.01 mg/kg
									kernel, immature	<0.01	111	
									green material	<0.01	127	
									kernel	<0.01	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	97	
									green material	<0.01	111	
									kernel	<0.01	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	111	
									green material	<0.01	127	
									kernel	<0.01	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	97	
									green material	<0.01	111	
									kernel	<0.01	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	111	
									green material	<0.01	127	
									kernel	<0.01	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.03 <0.03 <0.03	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.03	97	
									green material	<0.03	111	
									kernel	<0.03	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.03 <0.03 <0.03	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.03	111	
									green material	<0.03	127	
									kernel	<0.03	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	97	
									green material	<0.01	111	
									kernel	<0.01	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	111	
									green material	<0.01	127	
									kernel	<0.01	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	97	
									green material	<0.01	111	
									kernel	<0.01	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	111	
									green material	<0.01	127	
									kernel	<0.01	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	97	
									green material	<0.01	111	
									kernel	<0.01	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.01 <0.01 <0.01	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.01	111	
									green material	<0.01	127	
									kernel	<0.01	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-01 13-2051-01-T Italy I-[redacted] 2013	Maize/Corn Scandi CS	1) 17.04.2013 2) 25.06.2013 - 10.07.2013 3) 20.08.2013 - 10.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	83 97 111	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	97	
									green material	<0.06	111	
									kernel	<0.06	138	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Corn, maize**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2051 13-2051-02 13-2051-02-T Spain E-[redacted] 2013	Maize/Corn Scandi	1) 17.04.2013 2) 10.07.2013 - 20.07.2013 3) 05.09.2013 - 30.09.2013	BEZ	75 g/unit			17.04.2013/0	Dry seed	ear without husk	<0.06 <0.06 <0.06	90 111 127	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg Seed rate: 2.2 units /ha 1 unit: 50000 seeds Seed rate: 110000 seeds/ha
									kernel, immature	<0.06	111	
									green material	<0.06	127	
									kernel	<0.06	161	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Crop: Rape

Studies:
- 13-2079
- 13-2080

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed for sowing seed	15400 <0.01	0 329	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed for sowing seed	15500 <0.01	0 330	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed for sowing seed	15300 <0.01	0 302	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 04.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed for sowing seed	15300 <0.01	0 280	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.01	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed	<0.01	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.01	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 04.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.01	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.01	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed	<0.01	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.01	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 04.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.01	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.03	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed	<0.03	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.03	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 04.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.03	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.01	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed	<0.01	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.01	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 04.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.01	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.01	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed	<0.01	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.01	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 04.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.01	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.01	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 05.07.2014 - 25.07.2014	BEZ	1550 g/dt			21.08.2013/0	Dry seed	seed	<0.01	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5.0 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.01	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 14.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.01	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-01 13-2079-01-T United Kingdom [redacted] 2013	Rape, winter Visby	1) 11.09.2013 2) 01.04.2014 - 20.05.2014 3) 01.08.2014 - 12.08.2014	BEZ	1540 g/dt			11.09.2013/0	Dry seed	seed	<0.06	329	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg
13-2079 13-2079-02 13-2079-02-T Germany D-[redacted] 2013	Rape, winter Visby	1) 21.08.2013 2) 01.04.2014 - 30.04.2014 3) 15.07.2014 - 25.07.2014	BEZ	1540 g/dt			21.08.2013/0	Dry seed	seed	<0.06	330	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2079 13-2079-03 13-2079-03-T France, north F-[redacted] 2013	Rape, winter Visby	1) 27.08.2013 2) 25.03.2014 - 15.04.2014 3) 25.06.2014 - 05.07.2014	BEZ	1530 g/dt			27.08.2013/0	Dry seed	seed	<0.06	302	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg
13-2079 13-2079-04 13-2079-04-T Netherlands NL-[redacted] 2013	Rape, winter Visby	1) 09.10.2013 2) 01.05.2014 - 15.06.2014 3) 14.07.2014 - 18.07.2014	BEZ	1530 g/dt			09.10.2013/0	Dry seed	seed	<0.06	280	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed for sowing seed	14600 <0.01	0 229	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg Seed rate: 5 kg/ha (g) 01336 (h) 0.01 mg/kg
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed for sowing seed	15000 <0.01	0 266	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg Seed rate: 5 kg/ha (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed for sowing seed	15400 <0.01	0 279	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg Seed rate: 5 kg/ha (g) 01336 (h) 0.01 mg/kg
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 01.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed for sowing seed	16100 <0.01	0 238	(c) BEZ:Seed treatment, general (g) 01176 (h) 1 mg/kg Seed rate: 5 kg/ha (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed	<0.01	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed	<0.01	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.01	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 06.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.01	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed	<0.01	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed	<0.01	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.01	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 06.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.01	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed	<0.03	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed	<0.03	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.03	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 06.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.03	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.03 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed	<0.01	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed	<0.01	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.01	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 06.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.01	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed	<0.01	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed	<0.01	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.01	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 06.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.01	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1460 g/dt			08.11.2013/0	Dry seed	seed	<0.01	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 00.06.2014 - 20.06.2014	BEZ	1500 g/dt			20.09.2013/0	Dry seed	seed	<0.01	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.01	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 01.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.01	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.01 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-01 13-2080-01-T Italy I-[redacted] 2013	Rape, winter Visby	1) 08.11.2013 2) 15.04.2014 - 15.05.2014 3) 01.06.2014 - 15.06.2014	BEZ	1400 g/dt			08.11.2013/0	Dry seed	seed	<0.06	229	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-02 13-2080-02-T Italy I-[redacted] 2013	Rape, winter Visby	1) 20.09.2013 2) 01.04.2014 - 15.04.2014 3) 10.06.2014 - 20.06.2014	BEZ	1800 g/dt			20.09.2013/0	Dry seed	seed	<0.06	266	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 FS**

Commercial product (name) : **Mesurol FS 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2080 13-2080-03 13-2080-03-T France, south F-[redacted] 2013	Rape, winter Visby	1) 13.09.2013 2) 17.03.2014 - 28.04.2014 3) 19.06.2014 - 23.06.2014	BEZ	1540 g/dt			13.09.2013/0	Dry seed	seed	<0.06	279	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg Seed rate: 5 kg/ha
13-2080 13-2080-04 13-2080-04-T Spain E-[redacted] 2013	Rape, winter Visby	1) 10.10.2013 2) 15.03.2014 - 15.04.2014 3) 05.06.2014 - 01.07.2014	BEZ	1610 g/dt			10.10.2013/0	Dry seed	seed	<0.06	238	(c) BEZ:Seed treatment, general (g) 01336 (h) 0.06 mg/kg Seed rate: 5 kg/ha

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Strawberries

Studies:
- 12-2091
- 12-2092
- 12-2093

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.01	12	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.01	12	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.01	12	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.01	12	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.01	12	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.01	12	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.03	12	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.03	41	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2091 12-2091-01 12-2091-01-T [redacted] Germany 2012	Strawberry Elsanta; middle early variety	1) 25.05.2012 2) 20.06.2012 - 13.07.2012 3) 15.07.2012 - 15.08.2012	STR STR	0.120 0.120			03.07.2012/0 10.07.2012/7	Flowers fading	fruit	<0.06	12	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2091 12-2091-02 12-2091-02-T France, north [redacted] 2012	Strawberry Mathis; Late variety	1) 01.07.2009 2) 15.04.2012 - 01.05.2012 3) 04.06.2012 - 20.06.2012	STR STR	0.120 0.120			18.04.2012/0 24.04.2012/6	Flowers fading	fruit	<0.06	41	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.01	25	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.01	25	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle: protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.01	25	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.01	25	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle: protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.01	25	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle: protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.01	25	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle protruding from sepal whorl	fruit	<0.03	17	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.03	25	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2092 12-2092-01 12-2092-01-T Italy I-[redacted] 2012	Strawberry Timorus	1) 25.10.2011 2) 28.03.2012 - 10.06.2012 3) 05.04.2012 - 25.06.2012	STR STR	0.120 0.120			05.04.2012/0 12.04.2012/7	Receptacle protruding from sepal whorl	fruit	<0.06	17	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2092 12-2092-02 12-2092-02-T France, south [redacted] 2012	Strawberry Gariguette; Rosacée	1) 27.06.2011 2) 05.03.2012 - 15.05.2012 3) 15.04.2012 - 01.06.2012	STR STR	0.120 0.120			23.03.2012/0 30.03.2012/7	Full flowering	fruit	<0.06	25	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- A**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 15.03.2012 3) 15.05.2012 4) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- B**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 15.03.2012 3) 15.05.2012 4) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- C**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 15.03.2012 3) 02.05.2012 4) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- D**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 15.03.2012 3) 15.05.2012 4) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- E**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 05.03.2012 - 31.05.2012 3) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- F**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 15.03.2012 3) 02.05.2012 4) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.01	17	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- G**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.03	28	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 15.03.2012 3) 15.05.2012 4) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.03	17	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Small fruit**
Page : **1- H**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2093 12-2093-01 12-2093-01-T France, south [redacted] 2012	Strawberry Dark select	1) 15.08.2011 2) 25.03.2012 - 22.05.2012 3) 02.05.2012 - 22.05.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	Flowers fading	fruit	<0.06	28	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2093 12-2093-02 12-2093-02-T Italy I-[redacted] 2012	Strawberry Candonga	1) 15.10.2011 2) 05.03.2012 - 31.05.2012 3) 15.04.2012 - 30.06.2012	STR STR	0.120 0.120			20.03.2012/0 27.03.2012/7	Receptacle protruding from sepal whorl	fruit	<0.06	17	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Crop: Potato

Studies:
- 12-2097
- 12-2098

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 90% of total final tuber mass reached)	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 60% of total final tuber mass reached)	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 60% of total final tuber mass reached)	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 60% of total final tuber mass reached)	tuber	<0.03 <0.03 <0.03 <0.03 <0.03	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.03 <0.03	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 90% of total final tuber mass reached)	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 60% of total final tuber mass reached)	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 60% of total final tuber mass reached)	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 21.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2097 12-2097-01 12-2097-01-T Germany [redacted] 2012	Potato Belana; Waxy	1) 24.04.2012 2) 02.07.2012 - 20.07.2012 3) 15.09.2012 - 15.10.2012	STR STR	0.120 0.120			02.08.2012/0 09.08.2012/7	90% of berries in the first fructification have reached full size (tuber: 60% of total final tuber mass reached)	tuber	<0.06 <0.06 <0.06 <0.06 <0.06	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
12-2097 12-2097-02 12-2097-02-T France, north [redacted] 2012	Potato Monalisa; Early variety	1) 24.03.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 10.08.2012	STR STR	0.120 0.120			27.06.2012/0 04.07.2012/7	60% of total final tuber mass reached	tuber	<0.06 <0.06	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	30% of total final tuber mass reached	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 04.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	30% of total final tuber mass reached	tuber	<0.03 <0.03 <0.03 <0.03 <0.03	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.03 <0.03	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0** 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01	0** 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01 <0.01 <0.01 <0.01	0 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 18.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.01 <0.01	0 21<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Potato**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (g)	DALT/ PHI (days) (f)	Remarks
12-2098 12-2098-01 12-2098-01-T Spain [redacted] 2012	Potato Red Pontiac	1) 28.03.2012 2) 29.05.2012 - 15.06.2012 3) 15.06.2012 - 30.07.2012	STR STR	0.120 0.120			31.05.2012/0 07.06.2012/7	30% of total final tuber mass reached	tuber	<0.06 <0.06 <0.06 <0.06 <0.06	0 7 14 21<< 28	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
12-2098 12-2098-02 12-2098-02-T Italy [redacted] 2012	Potato Riviera	1) 08.01.2012 2) 01.06.2012 - 15.06.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			04.05.2012/0 11.05.2012/7	70% of total final tuber mass reached	tuber	<0.06 <0.06	0 21<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Tomato

Studies:
- 12-2099

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.01	62	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.01	65<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.01	62	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.01	65<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.01	62	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.01	65<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.03	62	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.03	65<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.01	62	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.01	65<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.01	62	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.01	65<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.01	62	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.01	65<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Fruit vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2099 12-2099-01 12-2099-01-T Spain [redacted] 2012	Tomato 3402; industrial tomato	1) 15.05.2012 2) 08.06.2012 - 10.08.2012 3) 01.07.2012 - 15.09.2012	STR STR	0.120 0.120			19.06.2012/0 03.07.2012/14	8th inflorescence, 1st flower open	fruit	<0.06	62	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2099 12-2099-02 12-2099-02-T Italy [redacted] 2012	Tomato Dolmen; Industrial	1) 26.04.2012 2) 04.06.2012 - 20.06.2012 3) 25.07.2012 - 30.08.2012	STR STR	0.120 0.120			23.05.2012/0 06.06.2012/14	1st inflorescence, 1st flower open	fruit	<0.06	65<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

12-2099-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Cauliflower

Studies:
- 12-2087
- 12-2088

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.01	49	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 04.07.2012 - 15.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.01	49	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 31.07.2012 - 16.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.01	49	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 31.07.2012 - 16.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.03	49	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 31.07.2012 - 07.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.03	28	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.01	49	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 31.07.2012 - 16.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.01	49	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 31.07.2012 - 07.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.01	49	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 31.07.2012 - 15.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/6	9 or more leaves unfolded	curd	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2087 12-2087-01 12-2087-01-T United Kingdom GB-[redacted] 2012	Cauliflower Ness	1) 24.07.2012 3) 15.11.2012 - 10.12.2012	STR STR	0.120 0.120			22.09.2012/0 28.09.2012/6	9 or more leaves unfolded	curd	<0.06	49	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2087 12-2087-02 12-2087-02-T Germany D-[redacted] 2012	Cauliflower Fremont	1) 12.05.2012 3) 04.07.2012 - 15.08.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	9 or more leaves unfolded	curd	<0.06	28	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.01	16	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.01	14	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.01	16	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.01	14	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.01	16	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.01	14	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.03	16	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.03	14	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.01	16	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.01	14	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.01	16	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.01	14	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 07.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.01	16	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.01	14	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2088 12-2088-01 12-2088-01-T Italy I-[redacted] 2012	Cauliflower Delfino Bio	1) 03.05.2012 3) 01.06.2012 - 30.07.2012	STR STR	0.120 0.120			20.06.2012/0 27.06.2012/7	Heads begin to form; width of growing tip >1 cm	curd	<0.06	16	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2088 12-2088-02 12-2088-02-T France, south F-[redacted] 2012	Cauliflower Fremont F1	1) 13.04.2012 1) 17.04.2012 3) 15.06.2012 - 30.06.2012	STR STR	0.120 0.120			05.06.2012/0 11.06.2012/6	Heads begin to form; width of growing tip >1 cm	curd	<0.06	14	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Cabbage:

Studies:
- 12-2089
- 12-2090

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.01	72	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 - 05.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.01	42	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.01	72	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 - 05.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.01	42	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.01	72	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 - 15.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.01	42	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.03	72	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 - 15.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.03	42	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.01	72	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 - 15.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/9	Heads begin to form	head	<0.01	42	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.01	72	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 3) 15.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.01	42	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.01	72	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 15.06.2012 - 05.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.01	42	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2089 12-2089-01 12-2089-01-T United Kingdom GB-[redacted] 2012	Cabbage, red Ruby Perfection	1) 23.07.2012 3) 01.12.2012 - 31.12.2012	STR STR	0.12 0.12			14.09.2012/0 22.09.2012/8	Heads begin to form	head	<0.06	72	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2089 12-2089-02 12-2089-02-T Germany D-[redacted] 2012	Cabbage, white Castello	1) 10.04.2012 1) 10.05.2012 3) 05.06.2012 - 15.10.2012	STR STR	0.12 0.12			24.05.2012/0 31.05.2012/7	Heads begin to form	head	<0.06	42	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	0.021	39	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.01	27	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	<0.01	39	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.01	27	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	<0.01	39	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.01	27	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	0.041	39	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.03	27	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	<0.01	39	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.01	27	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	<0.01	39	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.01	27	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	<0.01	39	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 - 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.01	27	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cabbages**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2090 12-2090-01 12-2090-01-T Italy [redacted] 2012	Cabbage, red Red Jewel F1 - Esasem-Sakatà	1) 28.09.2012 3) 10.12.2012 - 10.01.2013	STR STR	0.120 0.120			26.11.2012/0 03.12.2012/7	Heads begin to form	head	0.071	39	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2090 12-2090-02 12-2090-02-T France, south [redacted] 2012	Cabbage, white Mozart	1) 17.04.2012 3) 09.07.2012 20.07.2012	STR STR	0.120 0.120			05.06.2012/0 12.06.2012/7	9 or more leaves unfolded	head	<0.06	27	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Lettuce

Studies:
- 12-2095
- 12-2094
- 12-2096

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.01	29	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.01	29	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.01	29	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.03	28	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.03	29	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.01	29	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.01	29	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 09.05.2012/7	9 or more leaves unfolded	head	<0.01	28	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 14.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/6	10% of the leaf mass reached	head	<0.01	29	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2095 12-2095-01 12-2095-01-T Germany [redacted] 2012	Lettuce, leaf Aleppo; lollo bionda	1) 10.05.2012 3) 25.06.2012 - 06.07.2012	STR STR	0.12 0.12			22.05.2012/0 29.05.2012/7	9 or more leaves unfolded	head	<0.06	28	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2095 12-2095-02 12-2095-02-T Belgium [redacted] 2012	Lettuce, leaf Klausia; Lettuce Oakleaf	1) 04.08.2012 3) 25.09.2012 - 05.10.2012	STR STR	0.12 0.12			28.08.2012/0 04.09.2012/7	10% of the leaf mass reached	head	<0.06	29	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- A**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	<0.01	33	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.01	35	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- B**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	<0.01	33	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.01	35	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- C**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	<0.01	33	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.01	35	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- D**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	<0.03	33	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13\11.2012 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.03	35	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- E**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	0.024	33	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.01	35	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- F**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	0.013	33	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.01	35	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- G**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	<0.01	33	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.01	35	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- H**

Indoor/outdoor : **Indoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2094 12-2094-01 12-2094-01-T Italy I-[redacted] 2012	Lettuce, leaf Satine; loose leaf variety	1) 13.09.2012 3) 15.10.2012 - 15.12.2012	STR STR	0.120 0.120			05.10.2012/0 12.10.2012/7	9 or more leaves unfolded	head	0.077	33	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2094 12-2094-02 12-2094-02-T France, south [redacted] 2012	Lettuce, leaf Fogo; Lollo rosso	1) 27.09.2012 3) 13.11.2012 - 20.11.2012	STR STR	0.120 0.120			02.10.2012/0 09.10.2012/7	9 or more leaves unfolded	head	<0.06	35	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.01	36	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.01	36	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.01	36	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.01	36	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.03	36	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.03	41	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.01	36	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.01	36	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.01	41	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hl	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2096 12-2096-01 12-2096-01-T Italy I-[redacted] 2012	Lettuce, leaf Canasta; Loose leaf variety	1) 24.03.2012 3) 15.05.2012 - 30.05.2012	STR STR	0.120 0.120			12.04.2012/0 19.04.2012/7	9 or more leaves unfolded	head	<0.06	36	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2096 12-2096-02 12-2096-02-T Spain [redacted] 2012	Lettuce, leaf Multired 55; loose leaf variety	1) 27.03.2012 3) 01.06.2012 - 25.06.2012	STR STR	0.120 0.120			25.04.2012/0 02.05.2012/7	9 or more leaves unfolded	head	<0.06	41	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Globe Artichokes

Studies:
- 12-2106

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2013/0 06.11.2012/60	First side shoot visible	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2012/0 06.11.2012/60	First side shoot visible	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2013/0 06.11.2012/60	First side shoot visible	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.03	14<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2012/0 06.11.2012/60	First side shoot visible	flower head	<0.03	14<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2012/0 06.11.2012/60	First side shoot visible	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2012/0 06.11.2012/60	First side shoot visible	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 44	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05.11.2012 - 30.05.2013	STR STR	0.150 0.150			07.09.2012/0 06.11.2012/60	First side shoot visible	flower head	<0.01	14<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Leaf and stem vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2106 12-2106-01 12-2106-01-T Italy [redacted] 2012	Artichoke Violetto	1) 28.07.2011 3) 15.04.2012 - 15.05.2012	STR STR	0.150 0.150			01.03.2012/0 30.04.2012/60	BBCH 14	flower head	<0.06	14<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2106 12-2106-02 12-2106-02-T Italy [redacted] 2012	Artichoke Violetto Pugliese	1) 20.01.2011 3) 05\11.2012 30.05.2013	STR STR	0.150 0.150			07.09.2012/0 06.11.2012/60	First side shoot visible	flower head	<0.06	14<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Crop: Rape

Studies:
- 12-2108
- 13-2064
- 12-2140
- 13-2065

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.03	140	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.03	140	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.01	140	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2108 12-2108-01 12-2108-01-T United Kingdom GB-[redacted] 2012	Rape, winter DK Cabernet	1) 05.09.2011 2) 09.04.2012 - 21.05.2012 3) 21.07.2012 - 05.08.2012	STR STR	0.120 0.120			06.03.2012/0 13.03.2012/7	Beginning of stem elongation	seed	<0.06	140	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2108 12-2108-02 12-2108-02-T France, north F-[redacted] 2012	Rape, winter Dynastie; hybrid 00	1) 31.08.2011 2) 26.03.2012 - 25.05.2012 3) 23.07.2012 - 30.07.2012	STR STR	0.120 0.120			28.02.2012/0 06.03.2012/7	Beginning of stem elongation	seed	<0.06	140	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.01	142	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.01	136	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.01	142	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.01	136	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.01	142	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.01	136	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.03	142	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.03	136	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.01	142	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.01	136	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.01	142	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.01	136	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 21.03.2013/7	Beginning of stem elongation	seed	<0.01	142	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.01	136	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2064 13-2064-01 13-2064-01-T United Kingdom [redacted] 2013	Rape, winter DK Camelot, Typical UK, Conventional	1) 23.08.2012 2) 22.04.2013 - 21.06.2013 3) 29.07.2013 - 12.08.2013	STR STR	0.120 0.120			14.03.2013/0 31.03.2013/7	Beginning of stem elongation	seed	<0.06	142	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
13-2064 13-2064-02 13-2064-02-T Belgium [redacted] 2013	Rape, winter Dynastie, Highly productive hybrid	1) 04.09.2012 2) 24.04.2013 - 25.05.2013 3) 01.08.2013 - 02.08.2013	STR STR	0.120 0.120			06.03.2013/0 18.03.2013/12	Beginning of stem elongation	seed	<0.06	136	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.01	87	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.01	131	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.01	87	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.01	131	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.01	87	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 05.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.01	131	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.03	87	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.03	131	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.01	87	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.01	131	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.01	87	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.01	131	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.01	87	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.01	131	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2140 12-2140-01 12-2140-01-T Italy I-[redacted] 2012	Rape, winter Hybristar	1) 15.10.2011 2) 15.04.2012 - 15.05.2012 3) 01.06.2012 - 30.06.2012	STR STR	0.120 0.120			12.03.2012/0 19.03.2012/7	Beginning of stem elongation	seed	<0.06	87	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2140 12-2140-02 12-2140-02-T France, south [redacted] 2012	Rape, winter Catalina	1) 02.09.2011 2) 02.04.2012 - 25.04.2012 3) 15.07.2012 - 25.07.2012	STR STR	0.120 0.120			02.03.2012/0 09.03.2012/7	Beginning of stem elongation	seed	<0.06	131	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.01	88	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.01	120	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.01	88	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.01	120	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.01	88	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.01	120	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.03	88	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.03	120	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.01	88	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.01	120	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.01	88	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.01	120	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.01	88	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.01	120	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Rapeseed**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2065 13-2065-01 13-2065-01-T Italy [redacted] (BT) 2013	Rape, winter Hybristar	1) 20.10.2012 2) 15.04.2013 - 15.05.2013 3) 01.06.2013 - 30.06.2013	STR STR	0.120 0.120			08.03.2013/0 15.03.2013/7	Beginning of stem elongation	seed	<0.06	88	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
13-2065 13-2065-02 13-2065-02-T France, south [redacted] 2013	Rape, winter Avenir, Restored hybrid semi-dwarf	1) 14.09.2012 2) 05.04.2013 - 22.05.2013 3) 08.07.2013 - 25.07.2013	STR STR	0.120 0.120			06.03.2013/0 12.03.2013/6	Beginning of stem elongation	seed	<0.06	120	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Crop: Wheat

Studies:
- 12-2104
- 13-2066
- 12-2105
- 13-2067

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.03 <0.03*	90 90	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg (h) 0.03 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.03 <0.03*	90 90	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg (h) 0.03 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 0.022*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 0.017*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	90 90	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03507
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (g)	DALT/ PHI (days) (f)	Remarks
12-2104 12-2104-01 12-2104-01-T United Kingdom [redacted] 2012	Wheat Consort	1) 02.11.2011 2) 08.06.2012 - 22.06.2012 3) 01.08.2012 - 24.08.2012	STR STR	0.120 0.120			09.05.2012/0 16.05.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.06 <0.06*	90 90	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg (h) 0.06 mg/kg*
12-2104 12-2104-02 12-2104-02-T France, north [redacted] 2012	Wheat Altigo	1) 15.10.2011 2) 28.05.2012 - 09.06.2012 3) 26.07.2012 - 30.07.2012	STR STR	0.120 0.120			20.04.2012/0 27.04.2012/7	Node 2 at least 2 cm above node 1	grain straw	<0.06 0.078*	90 90	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg (h) 0.06 mg/kg*

Trial -02: Storage temperature exceeded, therefore special stability study S13-03307
* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.01 <0.01 <0.01	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 17.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.01 <0.01 <0.01	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.01 <0.01 <0.01	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 17.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.01 <0.01 <0.01	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.01 <0.01 <0.01	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 07.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.01 <0.01 <0.01	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.03 <0.03 <0.03	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 07.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.03 <0.03 <0.03	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.01 <0.01 <0.01	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 17.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.01 <0.01 <0.01	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.01 <0.01 <0.01	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 07.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.01 <0.01 0.010	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 21.05.2013/7	Flag leaf just visible	green material grain straw	<0.01 <0.01 <0.01	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 07.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.01 <0.01 <0.01	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2066 13-2066-01 13-2066-01-T United Kingdom [redacted] 2013	Wheat KWS Target; Winter Wheat - Soft	1) 21.09.2012 2) 12.06.2013 - 24.06.2013 3) 01.08.2013 - 26.08.2013	STR STR	0.120 0.120			14.05.2013/0 31.05.2013/7	Flag leaf just visible	green material grain straw	<0.06 <0.06 <0.06	55 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
13-2066 13-2066-02 13-2066-02-T Germany [redacted] 2013	Wheat Winnetou; Winter wheat	1) 29.10.2012 2) 17.06.2013 - 24.06.2013 3) 10.08.2013 - 31.08.2013	STR STR	0.120 0.120			06.05.2013/0 13.05.2013/7	First node at least 1 cm above tillering node	green material grain straw	<0.06 <0.06 0.060	51 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	75 75	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.01 <0.01*	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	75 75	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.01 <0.01*	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	75 75	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.01 <0.01*	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.03 <0.03*	75 75	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg (h) 0.03 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.03 <0.03*	79 79	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg (h) 0.03 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	75 75	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.01 <0.01*	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.01 0.012*	75 75	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.01 <0.01*	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.01 <0.01*	75 75	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.01 <0.01*	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg (h) 0.01 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2105 12-2105-01 12-2105-01-T Italy [redacted] 2012	Wheat Mieti	1) 03.11.2011 2) 01.05.2012 - 10.05.2012 3) 25.06.2012 - 05.07.2012	STR STR	0.120 0.120			06.04.2012/0 12.04.2012/6	Node 2 at least 2 cm above node 1	grain straw	<0.06 0.062*	75 75	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg (h) 0.06 mg/kg*
12-2105 12-2105-02 12-2105-02-T France, south [redacted] 2012	Wheat Arezzo	1) 30.10.2011 2) 23.05.2012 - 30.05.2012 3) 02.07.2012 - 13.07.2012	STR STR	0.120 0.120			10.04.2012/0 16.04.2012/6	Node 3 at least 2 cm above node 2	grain straw	<0.06 <0.06*	79 79	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg (h) 0.06 mg/kg*

* Samples of wheat straw from studies 12-2104 and 12-2105 were originally analysed with an LOQ of 0.1 mg/kg and were reanalyzed with an LOQ of 0.01 mg/kg within study MR-14/070.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.01 <0.01 <0.01	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.01 <0.01 <0.01	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.01 <0.01 <0.01	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.01 <0.01 <0.01	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.01 <0.01 <0.01	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.01 <0.01 <0.01	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.03 <0.03 <0.03	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.03 <0.03 <0.03	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.01 <0.01 <0.01	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.01 <0.01 <0.01	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.01 <0.01 <0.01	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.01 <0.01 <0.01	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.01 <0.01 <0.01	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.01 <0.01 <0.01	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Cereals**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2067 13-2067-01 13-2067-01-T Italy [redacted] 2013	Wheat Serio; Winter wheat	1) 07.11.2012 2) 06.05.2013 - 13.05.2013 3) 01.07.2013 - 10.07.2013	STR STR	0.120 0.120			09.04.2013/0 16.04.2013/7	Node 3 at least 2 cm above node 2	green material grain straw	<0.06 <0.06 <0.06	41 78 78	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
13-2067 13-2067-02 13-2067-02-T Spain [redacted] 2013	Wheat Catedral; winter wheat	1) 05.12.2012 2) 08.04.2013 - 28.04.2013 3) 25.05.2013 - 30.06.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	Flag leaf stage	green material grain straw	<0.06 <0.06 <0.06	28 80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Crop: Sugar Beet

Studies:
- 12-2102
- 13-2073
- 12-2103
- 13-2074

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.01 0.10	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.01 0.011	81 81	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.01 <0.01	81 81	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.01 <0.01	81 81	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.03 0.12	79 79	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.03 0.031	81 81	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.01 <0.01	81 81	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.01 <0.01	81 81	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 - 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.01 <0.01	81 81	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2102 12-2102-01 12-2102-01-T United Kingdom [redacted] 2012	Beet, sugar Pasteur	1) 30.03.2012 3) 18.09.2012 - 31.12.2012	STR STR	0.120 0.120			19.06.2012/0 26.06.2012/7	Nine and more leaves unfolded	body leaf with root collar	<0.06 0.15	79 79	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2102 12-2102-02 12-2102-02-T Germany [redacted] 2012	Beet, sugar Rubens	1) 16.04.2012 3) 01.09.2012 30.11.2012	STR STR	0.120 0.120			28.06.2012/0 05.07.2012/7	80% of plants meet between rows	body leaf with root collar	<0.06 0.061	81 81	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	70% of expected root diameter reached	body leaf with root collar	<0.01 0.017	83 83	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizomani	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.01 0.045	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	83 83	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizomania	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	70% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	83 83	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizomon	1) 01.04.2013 3) 13.09.2013 3) 16.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.03 0.037	83 83	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizomania	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.03 0.065	79 79	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	83 83	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizoman	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	83 83	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizoman	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	83 83	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizoman	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.01 <0.01	79 79	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2073 13-2073-01 13-2073-01-T Germany [redacted] 2013	Beet, sugar Sabrina	1) 14.04.2013 3) 15.09.2013 - 15.12.2013	STR STR	0.120 0.120			25.06.2013/0 02.07.2013/7	20% of expected root diameter reached	body leaf with root collar	<0.06 0.067	83 83	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
13-2073 13-2073-02 13-2073-02-T Belgium [redacted] 2013	Beet, sugar Rentamax, Tolerant varieties to Rhizomaa	1) 01.04.2013 3) 13.09.2013 - 31.10.2013	STR STR	0.120 0.120			19.06.2013/0 26.06.2013/7	50% of plants meet between rows	body leaf with root collar	<0.06 0.095	79 79	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	0.015 0.82	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 - 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 0.010	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 0.087	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 - 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	0.035 0.91	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 - 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.03 0.030	78 78	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 0.017	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 0.037	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 - 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 01.06.2012 - 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2103 12-2103-01 12-2103-01-T Italy I-[redacted] 2012	Beet, sugar Rueben	1) 21.03.2012 3) 01.08.2012 - 20.09.2012	STR STR	0.120 0.120			25.05.2012/0 01.06.2012/7	60% of plants meet between rows	body leaf with root collar	0.065 0.98	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg
12-2103 12-2103-02 12-2103-02-T Spain [redacted] 2012	Beet, sugar Sanlucar; winter sugarbeets	1) 21.10.2011 3) 04.06.2012 - 20.08.2012	STR STR	0.120 0.120			28.03.2012/0 04.04.2012/7	60% of plants meet between rows	body leaf with root collar	<0.06 0.060	78 78	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 0.032	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 15.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/8	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 05.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 15.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.03 0.052	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 15.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/8	60% of plants meet between rows	body leaf with root collar	<0.03 <0.03	78 78	(c) STR:Spreading (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 0.20	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg day 80<<: c=0.25 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 15.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	60% of plants meet between rows	body leaf with root collar	<0.01 0.024	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg day 78: c=0.011 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 05.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.01 <0.01	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 01.06.2013 - 15.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	60% of plants meet between rows	body leaf with root collar	<0.01 <0.01	78 78	(c) STR:Spreading (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **40 g/kg**
Formulation (e.g. WP) : **4 RB**

Commercial product (name) : **Methiocarb RB 4**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Beets**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2074 13-2074-01 13-2074-01-T Italy [redacted] 2013	Beet, sugar Zanzibar, medium harvest variety	1) 30.04.2013 3) 26.08.2013 - 15.10.2013	STR STR	0.120 0.120			18.06.2013/0 25.06.2013/7	50% of expected root diameter reached	body leaf with root collar	<0.06 0.27	80<< 80<<	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg day 80<<: c=0.30 mg/kg
13-2074 13-2074-02 13-2074-02-T Spain [redacted] 2013	Beet, sugar Columbus, winter sugarbeet	1) 24.10.2012 3) 04.06.2013 - 15.08.2013	STR STR	0.120 0.120			20.03.2013/0 26.03.2013/6	60% of plants meet between rows	body leaf with root collar	<0.06 0.074	78 78	(c) STR:Spreading (g) 01336 (h) 0.06 mg/kg day 78: c=0.061 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Grapes

Studies:
- 12-2082
- 13-2049

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 01.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 15.05.2012 - 31.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/9	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 31.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2013/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	<0.01 <0.01 <0.01	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 15.05.2012 - 30.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	0.016 0.021 0.020	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	0.027 0.039 0.045	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 31.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2013/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	0.014 0.015 <0.01	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 15.05.2012 - 31.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 31.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2013/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	<0.01 <0.01 <0.01	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.03 <0.03 <0.03	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 15.05.2012 - 30.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	0.036 0.041 0.040	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	0.047 0.059 0.065	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 31.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2013/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	0.034 0.035 <0.03	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 15.05.2012 - 31.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	0.010 0.010 0.010	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 04.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	<0.01 <0.01 <0.01	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1997 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	0.029 0.028 0.031	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 05.05.2012 - 31.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	0.069 0.074 0.086	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes bunch of grapes	0.11 0.19 0.17	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg day 63: c=0.025 mg/kg day 63: c=0.025 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 31.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2013/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes bunch of grapes	0.046 0.046 0.033	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 15.05.2012 - 30.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 <0.01 <0.01	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	<0.01 0.015 0.013	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 04.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	<0.01 <0.01 <0.01	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-01 12-2082-01-T Spain E-[redacted] 2012	Table grape Red Globe; red variety	1) 23.09.1992 2) 11.05.2012 - 21.05.2012 3) 26.08.2012 - 23.09.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	0.079 0.078 0.081	89 89 89	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg
12-2082 12-2082-02 12-2082-02-T Italy [redacted] 2012	Table grape Italia; white variety	1) 15.01.1997 2) 05.05.2012 - 31.05.2012 3) 01.09.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	Beginning of flowering	berry bunch of grapes	0.12 0.14 0.15	115 115 115	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

12-2082-01 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2082 12-2082-03 12-2082-03-T Italy [redacted] 2012	Table grape Victoria; Table white grape	2) 03.05.2012 - 22.05.2012 3) 10.07.2012 - 30.07.2012	SPI SPI	1 1	800 800	0.125 0.125	04.05.2012/0 11.05.2012/7	Beginning of flowering	berry bunch of grapes	0.18 0.28 0.25	63 63 63	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg day 63: c=0.075 mg/kg day 63: c=0.075 mg/kg
12-2082 12-2082-04 12-2082-04-T Spain [redacted] 2012	Table grape Italia; table grape white variety	1) 01.04.1997 2) 13.05.2012 - 27.05.2012 3) 31.08.2012 - 30.09.2012	SPI SPI	1 1	800 800	0.125 0.125	09.05.2012/0 16.05.2012/7	First flowerhoods detached	berry bunch of grapes	0.10 0.10 0.083	104 104 104	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

12-2082-04 Storage temperature exceeded, therefore special stability study S13-03307

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	<0.01 <0.01	97 97	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	105 105	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	93 93	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	126 126	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	0.022 0.010	97 97	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 0.011	105 105	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	93 93	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	<0.01 0.010	126 126	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	<0.01 <0.01	97 97	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	105 105	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	93 93	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	126 126	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	0.042 0.030	97 97	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.03 0.031	105 105	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.03 <0.03	93 93	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	<0.03 0.030	126 126	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	0.010 <0.01	97 97	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	105 105	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	0.012 <0.01	93 93	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	126 126	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	0.080 0.039	97 97	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	0.13 0.17	105 105	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	0.11 0.11	93 93	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	0.034 0.040	126 126	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	0.010 <0.01	97 97	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	0.020 0.021	105 105	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	0.024 0.013	93 93	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	<0.01 <0.01	126 126	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-01 13-2049-01-T Spain [redacted] 2013	Table grape Crimson; Red variety	1) 02.03.1993 2) 12.05.2013 - 19.05.2013 3) 01.09.2013 - 28.09.2013	SPI SPI	0.923 1	800 800	0.1154 0.125	02.05.2013/0 09.05.2013/7	First flowerheads detached	bunch of grapes berry	0.14 0.089	97 97	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg
13-2049 13-2049-02 13-2049-02-T Italy [redacted] 2013	Table grape Italia; White variety	1) 13.11.2006 2) 05.05.2013 - 30.05.2013 3) 30.08.2013 - 20.09.2013	SPI SPI	1 1	800 800	0.125 0.125	13.05.2013/0 20.05.2013/7	Beginning of flowering	bunch of grapes berry	0.19 0.23	105 105	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Vines**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2049 13-2049-03 13-2049-03-T Greece [redacted] 2013	Table grape Crimson; Red variety	1) 11.03.2001 2) 27.05.2013 - 03.06.2013 3) 23.08.2013 - 27.09.2013	SPI SPI	1 1	500 500	0.2 0.2	21.05.2013/0 28.05.2013/7	Beginning of flowering	bunch of grapes berry	0.18 0.16	93 93	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg
13-2049 13-2049-04 13-2049-04-T Italy [redacted] 2013	Table grape Italia; White variety	1) 2007 2) 15.05.2013 - 25.05.2013 3) 20.08.2013 - 15.10.2013	SPI SPI	1 1	600 600	0.1667 0.1667	08.05.2013/0 14.05.2013/6	Beginning of flowering	bunch of grapes berry	0.084 0.090	126 126	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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Crop: Onion

Studies:

- 12-2079
- 13-2046
- 12-2078
- 13-2045

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	0.027 0.28 0.15 0.050 0.013 0.010	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 31.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	0.33 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 0.043 <0.01 <0.01 <0.01 <0.01	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	0.74 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	0.010 0.020 0.037 0.037 0.019 0.035	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 31.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	0.018 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	0.028 0.010 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 31.08.2012	SPI SPI	0.75 0.25	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	0.047 0.31 0.20 0.097 0.042 0.055	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 01.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	0.36 <0.03 <0.03	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.03 0.063 <0.03 <0.03 <0.03 <0.03	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	0.77 0.030 <0.03	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 31.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
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(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(h) Limit of determination/quantitation
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(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 31.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	<0.01 0.025 0.023	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 31.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s)/ Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-01 12-2079-01-T United Kingdom [redacted] 2012	Onion Bennito; White bulb onion	1) 05.04.2012 3) 10.09.2012 - 10.10.2012	SPI SPI	0.75 0.75	200 200	0.375 0.375	28.08.2012/0 05.09.2012/8	Bolting begins; in 10% leaves bent over	bulb	0.077 0.34 0.23 0.13 0.072 0.085	0** 0 7 14 22 28<<	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
12-2079 12-2079-02 12-2079-02-T Germany [redacted] [redacted] 2012	Onion Sherpa F1	1) 17.04.2012 3) 01.08.2012 - 07.08.2012	SPI SPI	0.25 0.75	300 300	0.25 0.25	18.07.2012/0 25.07.2012/7	30% of the expected bulb diameter	bulb	0.39 <0.06 <0.06	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-03 12-2079-03-T Belgium [redacted] 2012	Onion Summit F1	1) 05.04.2012 3) 15.09.2012 - 08.10.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	22.08.2012/0 29.08.2012/7	Leaves bent over in 50% of plants	bulb	<0.06 0.093 <0.06 <0.06 <0.06 <0.06	0** 0 7 16 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2079 12-2079-04 12-2079-04-T Germany [redacted] 2012	Onion Takstar	1) 10.03.2012 3) 26.07.2012 - 17.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 10.07.2012/7	Bolting begins; in 10% leaves bent over	bulb	0.80 0.075 0.073	0 21 28<<	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.012 0.15 0.018 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.13 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	0.095 0.12 0.017 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	0.19 <0.01 <0.01	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(g) Reference to analytical method
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 0.011 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 0.013 0.011	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	0.011 0.012 0.018 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (g)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.032 0.17 0.039 <0.03 <0.03 <0.03	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.15 0.033 0.031	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

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(d) Year must be indicated
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(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	0.12 0.15 0.045 <0.03 <0.03 <0.03	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

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(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	0.21 <0.03 <0.03	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(g) Reference to analytical method
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

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(b) Only if relevant
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 0.013 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s)/ Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-01 13-2046-01-T Germany [redacted] 2013	Onion Sherpa F1	1) 24.04.2013 3) 01.09.2013 - 15.10.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	15.08.2013/0 22.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.062 0.20 0.069 <0.06 <0.06 <0.06	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
13-2046 13-2046-02 13-2046-02-T Netherlands [redacted] 2013	Onion Centro F1; Mid-early	1) 09.04.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.18 0.063 0.061	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

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(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-03 13-2046-03-T United Kingdom [redacted] 2013	Onion Sherpa; White onion	1) 04.03.2013 3) 16.09.2013 - 30.10.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	09.08.2013/0 15.08.2013/6	Bolting begins; in 10% leaves bent over	bulb	0.15 0.18 0.078 <0.06 <0.06 <0.06	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2046 13-2046-04 13-2046-04-T Belgium [redacted] 2013	Onion Summit F1; Yellow onion	1) 16.04.2013 3) 10.09.2013 - 14.10.2013	SPI SPI	0.75 0.796	300 318	0.25 0.25	12.08.2013/0 19.08.2013/7	50% of the expected bulb diameter	bulb	0.24 <0.06 <0.06	0 23 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	0.011 0.32 0.014 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	0.16 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 0.15 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	0.43 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	0.017 0.033 0.030 0.010 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	0.024 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 0.016 0.014 0.010 <0.01 <0.01	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	0.078 0.036 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307. day 28: c=0.027 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	0.038 0.37 0.054 0.030 <0.03 <0.03	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	0.19 <0.03 <0.03	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.03 0.18 0.034 0.030 <0.03 <0.03	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (h)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	0.51 0.056 <0.03	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg Storage temperature exceeded, therefore special stability study S13-03307. day 28: c=0.047 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	0.13 0.027 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307. day 28: c=0.020 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 15.07.2012	SPI SPI	0.82421 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-01 12-2078-01-T France, south [redacted] 2012	Onion Keepwell; Yellow	1) 20.09.2011 3) 20.06.2012 - 05.07.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	31.05.2012/0 07.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	0.068 0.40 0.084 0.060 <0.06 <0.06	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
12-2078 12-2078-02 12-2078-02-T Spain [redacted] 2012	Onion Valenciana	1) 10.04.2012 3) 30.06.2012 - 25.07.2012	SPI SPI	0.824 0.75	440 400	0.1875 0.1875	20.06.2012/0 27.06.2012/7	Leaves bent over in 50% of plants	bulb	0.22 <0.06 <0.06	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg
12-2078 12-2078-03 12-2078-03-T Italy I-[redacted] 2012	Onion Locale Marrone; Flat Bulb	1) 20.01.2012 3) 20.06.2012 - 25.07.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	04.06.2012/0 11.06.2012/7	Bolting begins; in 10% leaves bent over	bulb	<0.06 0.21 0.064 0.060 <0.06 <0.06	0** 0 7 14 21<< 29	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)
(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2078 12-2078-04 12-2078-04-T Portugal [redacted] 2012	Onion Valenciana; Cebola tardia	1) 10.01.2012 3) 31.05.2012 - 13.06.2012 4) 16.01.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	03.05.2012/0 10.05.2012/7	50% of the expected bulb diameter	bulb	0.66 0.10 <0.06	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg Storage temperature exceeded, therefore special stability study S13-03307. day 28: c=0.088 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	0.043 0.29 0.014 <0.01 <0.01 <0.01	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	0.16 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	0.016 0.17 0.021 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	0.19 <0.01 <0.01	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	0.012 0.014 0.015 0.014 <0.01 <0.01	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	0.013 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	0.013 0.017 0.020 0.024 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	0.022 0.018 0.013	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	0.065 0.32 0.038 0.034 <0.03 <0.03	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	0.18 <0.03 <0.03	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	0.039 0.20 0.050 0.044 <0.03 <0.03	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	0.23 0.038 0.033	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 0.010 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

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Country : **Germany**

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Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.693 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins in 10% leaves bent over	bulb	<0.01 <0.01 <0.01	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s)/ Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-01 13-2045-01-T Spain [redacted] 2013	Onion Beira; Spring onion	1) 08.11.2012 3) 20.04.2013 - 20.05.2013	SPI SPI	0.603 0.75	370 400	0.1875 0.1875	12.04.2013/0 19.04.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.095 0.35 0.068 0.064 <0.06 <0.06	0** 0 10 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
13-2045 13-2045-02 13-2045-02-T Italy [redacted] 2013	Onion Utrero	1) 05.03.2013 3) 22.07.2013 - 09.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	02.07.2013/0 09.07.2013/7	50% of the expected bulb diameter	bulb	0.21 0.060 <0.06	0 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification/Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-03 13-2045-03-T Italy [redacted] 2013	Onion Calabrese; Pink bulb onion	1) 22.04.2013 3) 20.07.2013 - 10.08.2013	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	24.06.2013/0 01.07.2013/7	50% of the expected bulb diameter	bulb	0.069 0.23 0.080 0.074 <0.06 <0.06	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
13-2045 13-2045-04 13-2045-04-T France, south [redacted] 2013	Onion UX051; Production type	1) 23.03.2013 3) 15.09.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	20.08.2013/0 27.08.2013/7	Bolting begins; in 10% leaves bent over	bulb	0.26 0.068 0.063	0 20 27	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Crop: Leek

Studies:
- 12-2081
- 12-2080

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(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.39 2.1 0.22 0.049 0.021 0.012 <0.01	0** 0 7 14 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 - 20.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	4.3 0.27 0.13 0.089	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (g)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shaft length and diameter	whole plant without root	0.038 1.1 0.12 0.059 0.027 0.020	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	4.8 0.11 0.048 0.030	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT / PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.12 0.35 0.10 0.021 0.017 <0.01 0.011	0** 0 7 14 21< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 - 30.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	0.24 0.11 0.075 0.059	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shaft length and diameter	whole plant without root	0.031 0.11 0.057 0.045 0.031 0.022	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	0.25 0.029 0.020 0.010	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.013 0.024 0.011 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 - 30.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	0.014 0.015 0.010 <0.01	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shall length and diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.51 2.5 0.33 0.080 0.048 0.032 0.031	0** 0 7 14 21< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 - 20.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	4.5 0.40 0.22 0.16	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shaft length and diameter	whole plant without root	0.079 1.2 0.19 0.11 0.068 0.052	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg) (f)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	5.0 0.15 0.078 0.050	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 - 20.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shaft length and diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.033 0.029 0.021 0.015 0.013 0.011 0.015	0** 0 7 14 21< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 20.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	0.024 0.059 0.060 0.062	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shall length and diameter	whole plant without root	0.045 0.046 0.061 0.072 0.069 0.056	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	0.059 0.078 0.081 0.050	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.022 0.016 0.013 0.013 <0.01 <0.01 0.010	0** 0 7 14 21< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 30.10.2012 - 20.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	<0.01 0.031 0.031 0.025	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shaft length and diameter	whole plant without root	0.012 0.013 0.021 0.034 0.031 0.036	0** 0 7 14 21<< 28	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	0.010 0.032 0.024 0.025	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s)/ Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-01 12-2081-01-T Germany [redacted] 2012	Leek Vermont	1) 29.05.2012 3) 01.08.2013 - 30.09.2013	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.07.2012/0 27.07.2012/9	50% of the expected shaft diameter	whole plant without root	0.58 2.6 0.37 0.12 0.081 0.062 0.066	0** 0 7 14 21< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
12-2081 12-2081-02 12-2081-02-T United Kingdom [redacted] 2012	Leek Lyon 2 Prizetaker; Early	1) 12.06.2012 3) 29.10.2012 - 20.01.2013	SPI SPI	0.75 0.75	200 200	0.375 0.375	26.10.2012/0 05.11.2012/10	50% of the expected shaft diameter	whole plant without root	4.6 0.50 0.32 0.26	0 21<< 28 35	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-03 12-2081-03-T Germany [redacted] 2012	Leek Crypton; Leek	1) 27.04.2012 3) 30.07.2012 - 22.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	03.07.2012/0 16.07.2012/13	80% of the shaft length and diameter	whole plant without root	0.15 1.2 0.28 0.23 0.18 0.15	0** 0 7 14 21< 28	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2081 12-2081-04 12-2081-04-T France, north [redacted] 2012	Leek St Victor; winter leek	1) 31.07.2012 3) 22.10.2012 - 15.11.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	18.09.2012/0 28.09.2012/10	50% of the expected shaft diameter	whole plant without root	5.1 0.27 0.19 0.13	0 21<< 28 33	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
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(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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(Application on agricultural and horticultural crops)

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Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	0.12 2.1 0.056 0.024 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	6.3 <0.01 <0.01 <0.01	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	0.27 0.87 0.021 0.010 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- A**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	6.3 0.20 0.084 0.023	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	0.059 0.29 0.030 0.013 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	1.0 <0.01 <0.01 <0.01	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	0.049 0.069 0.033 0.012 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- B**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	1.0 0.044 0.021 <0.01	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	<0.01 0.017 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	0.027 <0.01 <0.01 <0.01	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- C**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	0.048 <0.01 <0.01 <0.01	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s)/ Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	0.19 2.4 0.096 0.047 <0.03 <0.03 <0.03	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	7.3 <0.03 <0.03 <0.03	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	0.33 0.95 0.063 0.032 <0.03 <0.03 <0.03	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- D**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	7.4 0.26 0.12 0.043	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.03 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- E**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(g)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	0.010 0.022 0.016 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	0.16 0.025 0.025 0.013	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	0.090 <0.01 0.010 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- F**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfoxide phenol**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment			Dates of treatment(s) Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	0.068 0.010 <0.01 <0.01	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	

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(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 20.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	0.021 <0.01 <0.01 <0.01	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s) / Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
Year of Trial	(a)	(b)	(c)	kg a.s./ha	Water (L/ha)	kg a.s./hL	(d)	(e)	(a)		(f)	
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 22.10.2012/10	80% of the shaft length and diameter	whole plant without root	0.054 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**
Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- G**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : -
Residues determined as : **methiocarb sulfone phenole**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s) / Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 21.09.2012/11	50% of the expected shaft diameter	whole plant without root	0.016 <0.01 <0.01 <0.01	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.01 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) :
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code	Commodity / Variety	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting	Method of treatment	Application rate per treatment			Dates of treatment(s)/ Application interval or no. of treatments and last date/	Growth stage at last treatment	Portion analysed	Residues (mg/kg)	DALT/ PHI (days)	Remarks
				kg a.s./ha	Water (L/ha)	kg a.s./hL						
Year of Trial	(a)	(b)	(c)				(d)	(e)	(a)		(f)	

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-01 12-2080-01-T Spain [redacted]t 2012	Leek cv. ATAL	1) 18.05.2012 3) 01.08.2012 - 01.09.2012	SPI SPI	0.75 0.75	300 400	0.25 0.1875	17.07.2012/0 27.07.2012/10	40% of the expected shaft diameter	whole plant without root	0.22 2.4 0.13 0.077 <0.06 <0.06 <0.06	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment
12-2080 12-2080-02 12-2080-02-T Italy [redacted] 2012	Leek megaton; spring variety	1) 03.05.2012 3) 29.06.2012 - 31.07.2012 4) 03.05.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	12.06.2012/0 22.06.2012/10	50% of the expected shaft diameter	whole plant without root	7.5 0.075 0.075 0.063	0 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
(-) Missing data in the above columns occurs where the information is not available in the original report

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RESIDUE DATA FROM SUPERVISED TRIALS (SUMMARY)

(Application on agricultural and horticultural crops)

Responsible body for reporting (name and address) : **Bayer CropScience AG, [redacted]**
Country : **Germany**

Content of active substance (g/kg or g/L) : **500 g/L**
Formulation (e.g. WP) : **500 SC**

Commercial product (name) : **Mesurol SC 500**

Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **1- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-03 12-2080-03-T Greece GR - [redacted] 2012	Leek Lagada; Short & fat stems.	3) 30.10.2012 - 08.03.2013 4) 12.08.2012	SPI SPI	0.75 0.75	300 300	0.25 0.25	12.10.2012/0 32.10.2012/10	80% of the shaft length and diameter	whole plant without root	0.48 0.98 0.094 0.062 <0.06 <0.06 <0.06	0** 0 7 14 21 28<< 35	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

Trial -01; -03: Storage temperature exceeded, therefore special stability study S13-03307.

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

(f) Minimum no. of days after last treatm. (DALT, Label pre-harvest interval, PHI = '<<')
(g) Reference to analytical method
(h) Limit of determination/quantitation
(i) Dosage of a.s. or water given as...
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Note: All entries to be filled in as appropriate. Date format dd.mm.yy.

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Producer of commercial product : **Bayer CropScience AG**

Active substance : **methiocarb**

Crop/Crop Group : **Bulb vegetables**
Page : **2- H**

Indoor/outdoor : **Outdoor**
Other a.s. in formulation (common name and content) : **-**
Residues determined as : **total residue methiocarb incl. phenol metabolites**
Residues calculated as : **methiocarb**

1	2	3	4	5			6	7	8	9	10	11
Study Trial No.; Plot Location incl. postal code Year of Trial	Commodity / Variety (a)	Date of 1) Sowing or planting 2) Flowering 3) Harvest 4) Transplanting (b)	Method of treatment (c)	Application rate per treatment kg a.s./ha	Water (L/ha)	kg a.s./hL	Dates of treatment(s)/ Application interval or no. of treatments and last date/ (d)	Growth stage at last treatment (e)	Portion analysed (a)	Residues (mg/kg)	DALT/ PHI (days) (f)	Remarks
12-2080 12-2080-04 12-2080-04-T France, south [redacted] 2012	Leek Azur; Leek	1) 14.06.2012 3) 10.10.2012 - 31.10.2012	SPI SPI	0.75 0.75	400 400	0.1875 0.1875	10.09.2012/0 31.09.2012/11	50% of the expected shaft diameter	whole plant without root	7.5 0.29 0.15 0.073	0 21 28<< 34	(c) SPI:Spraying (g) 01336 (h) 0.06 mg/kg ** prior to last treatment

(a) According to Codex (or other e.g. EU) Classification Guide
(b) Only if relevant
(c) High or low volume spraying, spreading, dusting etc. overall broadcast
(d) Year must be indicated
(e) BBCH Monograph, Growth Stages of Plants, 1997, (Blackwell, ISBN 3-8263-3152-4)

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