



## Delivery Instruction Bottles/Canisters Antwerp

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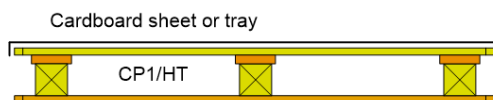
EMEA-008

### General

- **Creator:** Crop Science Division / PS-AIM-CPI-PQFP-F&P
- **Contact:** [packagingCS@bayergroup.onmicrosoft.com](mailto:packagingCS@bayergroup.onmicrosoft.com)
- **Note:** Any necessary deviations must be pre-approved by the Crop Science Division / PS-AIM-CPI-PQFP-F&P and coordinated with local sites. Only one type of packaging is permitted per pallet. Protective accessories are considered disposable and must comply with EU Regulation 2025/40
- **Reason for update:** General review

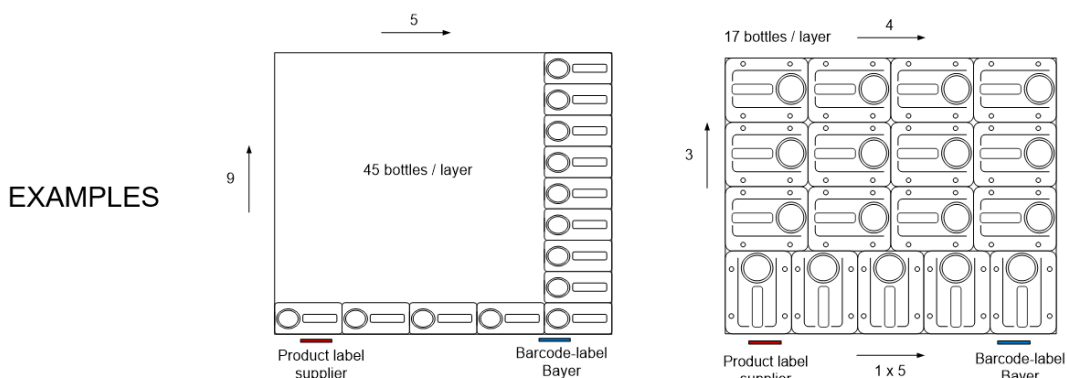
### Pallet

- **Type:** CP1/HT, sourced by an approved pallet supplier for the Antwerp production site.
- **Note:** On top of each pallet – underneath the load – a solid corrugated cardboard sheet or tray must protect the bottom of the load for splashes and dust. The sheet must stay on the pallet during the depalletizing operation but must be able to be taken off by suction cups.

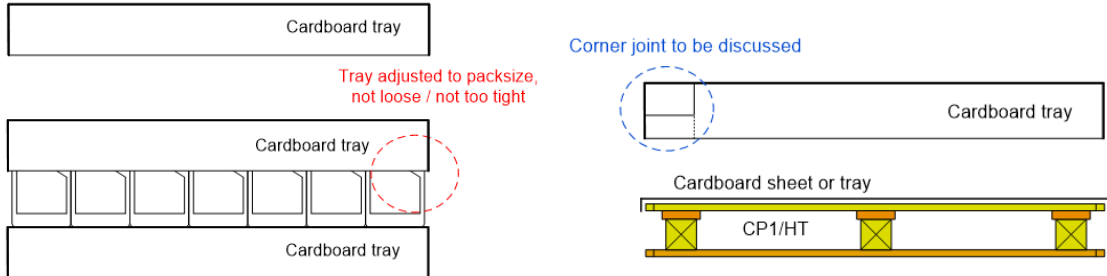


### Palletisation

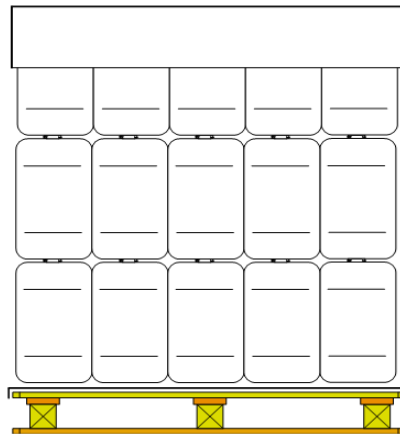
- **Configuration:** Only one type of packaging reference may be delivered on a pallet. Every pallet must contain the specified number of bottles and packed in the product specific configuration.
- **Direction:** Bottles must be arranged upright on the pallet and always be oriented in the same – dedicated – direction on the pallet (see annex for the different palletisation schemes).



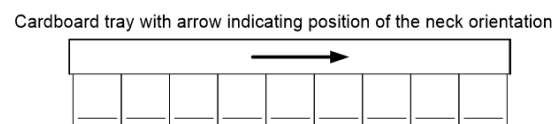
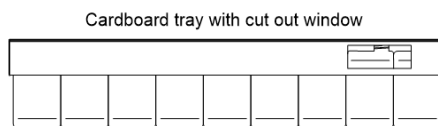
- **Pallet Load Compliance:** The load may not exceed the perimeter of the pallet
- **Max. Height:** 1.5 m (pallet + load + protection)
- **Max. Weight:** 150 kg
- **Cover trays:**
  - Layers of non-stackable bottles must be separated with a solid – custom made – corrugated cardboard tray, which is placed as a cover on top of each layer.



- In case of stackable containers only the top row of the bottles must be covered by a cover tray.



- Dimensions: The cardboard must be adjusted to the perimeter of the bottle array. No universal-one size fits all - cardboard tray for all available pack sizes possible.
- Optional feature: Due to the cardboard cover, the orientation of the containers on the pallet is not always visible. In those specific situations an additional indication on the cardboard tray is necessary to have a clear view on the orientation of the bottles (e.g. cut-out window or a printed arrow on the tray).



#### EXAMPLE

- Usage: In full-automatic packaging lines, where all cardboard cover trays, even the cardboard sheet on the pallet itself, are automatically removed by suction cups. Special attention needed to the assembly of the trays, to avoid unintended waste in the equipment.

## Outer packaging

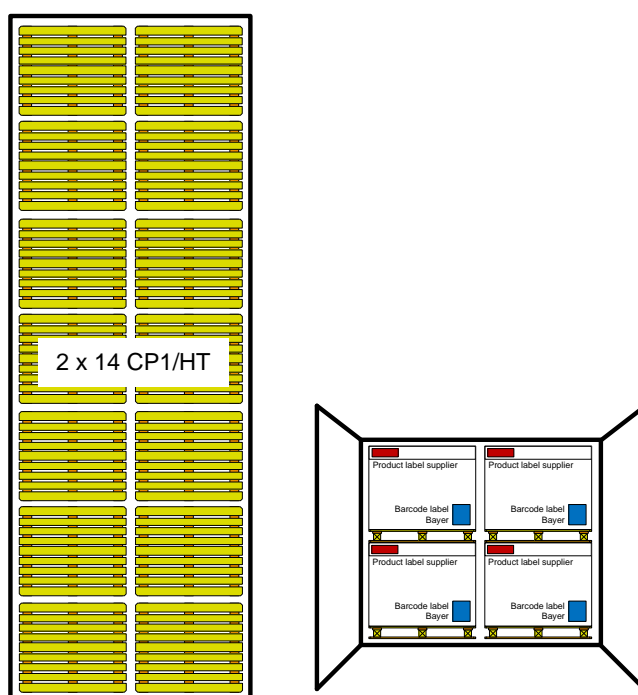
- **Protection:** The pallet load must be secured against shifting, falling apart, contracting, dust and moisture, by application of a shrink-wrap or stretch film. Enough attention must be paid to ...
  - the quality of wrapping – no loose wrapping and no deformations of the bottles allowed.
  - the easiness of opening by a safety knife.
  - the point of engagement of the outer packaging around the pallet may not be wrapped around one of the pallet blocks.
  - avoid film underneath the bottom boards of the pallet.
- **Opening:** The outer packaging is removed manually by an operator, who's using a V-shaped safety knife. Therefore it's important that the outer packaging can be cut and removed easily, without damaging or destroying the packed load. Plastic film underneath the bottom boards of the pallet is not allowed because this complicates the removal process.

## Labelling and identification of the pallets

- **Supplier Label:** Each individual pallet must contain a supplier label, which must be always legible and should not be impaired by the outer packaging. The supplier label must be present on one of the sides of the pallet, preferably attached on one of the cardboard trays – preferably the top one.
- **Label Content:**
  - Name of the supplier
  - Bayer-order number
  - Name „Bayer“
  - Type of packaging – product description
  - Bayer item no. (PMR)
  - Quantity per pallet
  - Date of production

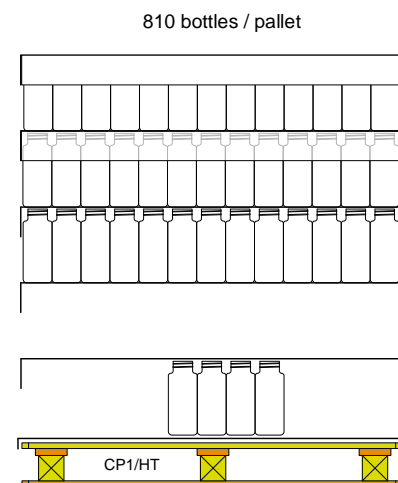
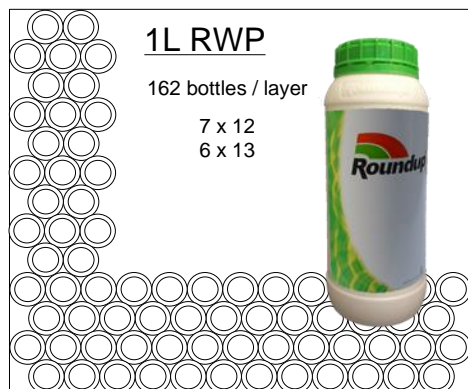
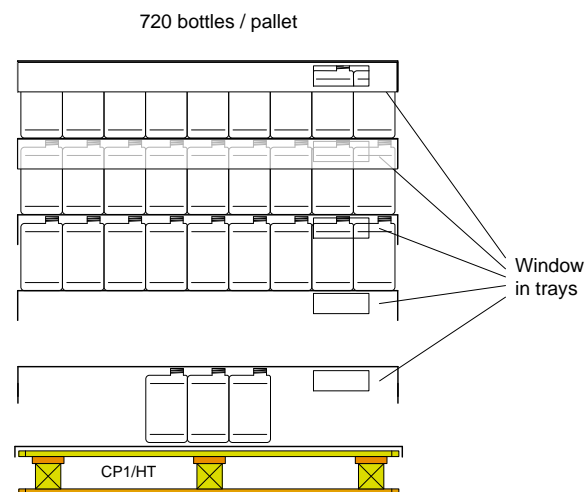
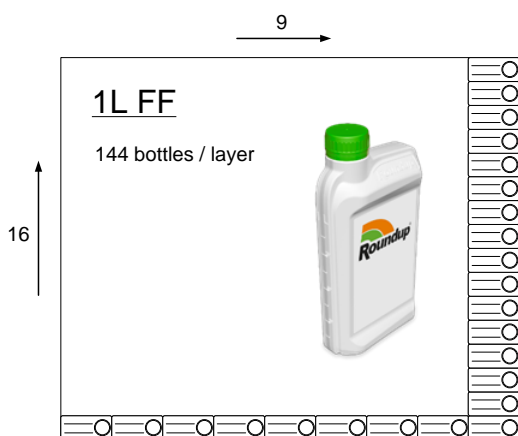
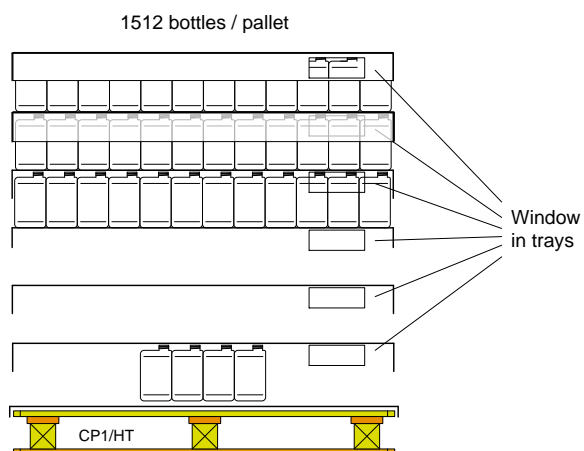
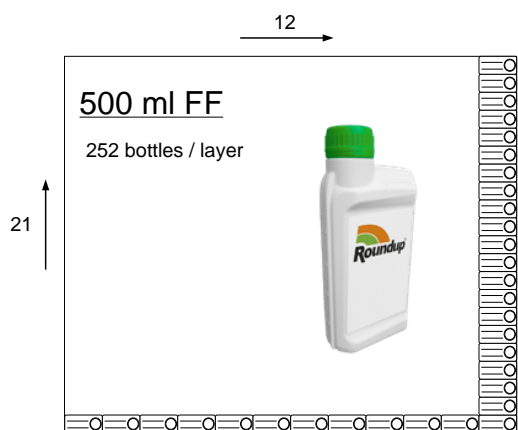
## Transport instructions

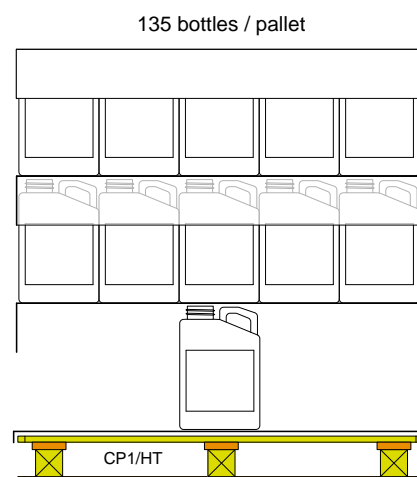
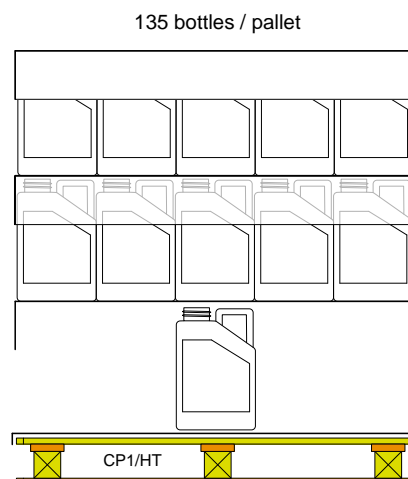
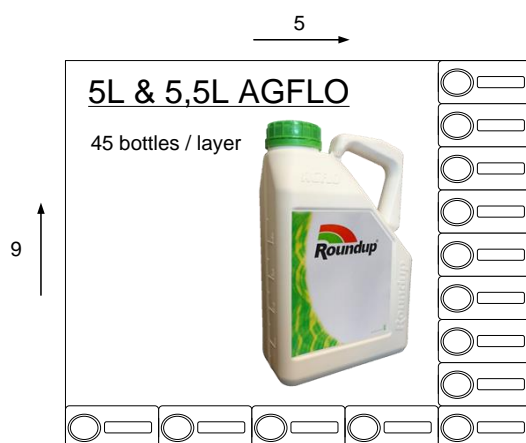
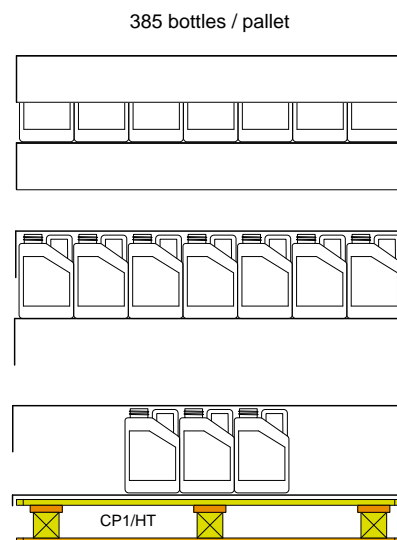
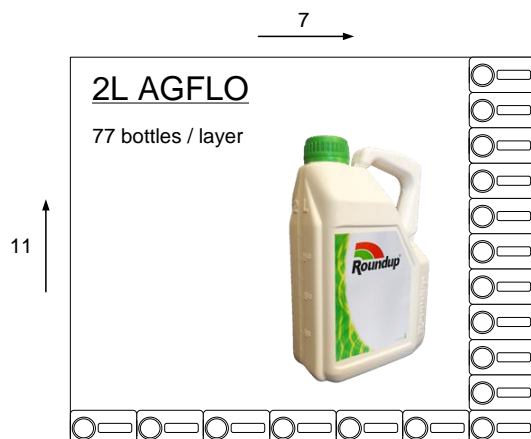
- **Swap Bodies:** Pallets with bottles are delivered in exchangeable container bodies – swap bodies – by a dedicated transport company. The swap bodies are stored at our local parking lot, pending the dedicated production.
- **Content:** Only one type of packaging material reference may be delivered in a container.
- **Direction:** Pallets must be stacked safely in the swap body and always be loaded in the same direction, with the pallet ID visible from the outside.
- **Safety:** Pallets with packaging components are internally transported with forklift trucks and electric pallet movers. Safe transport from one location to the other must be possible.

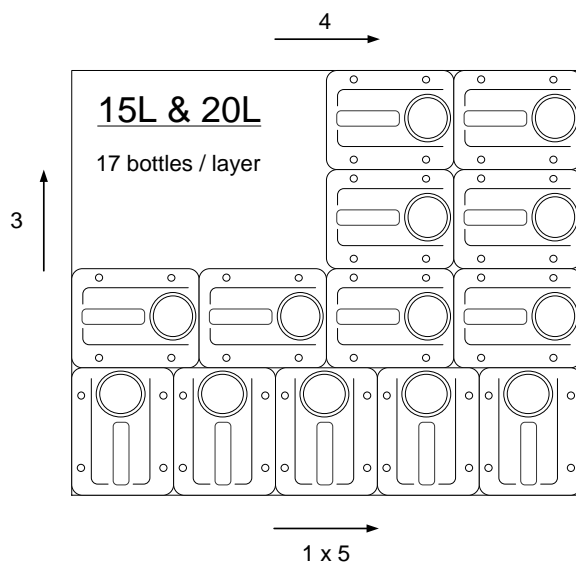


# Annex

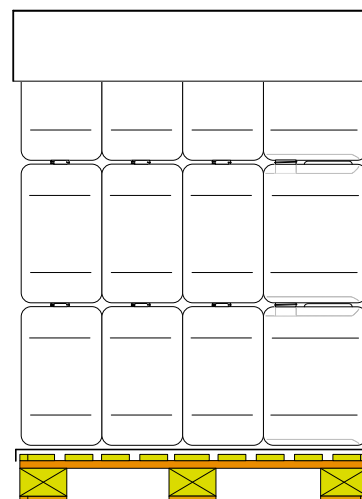
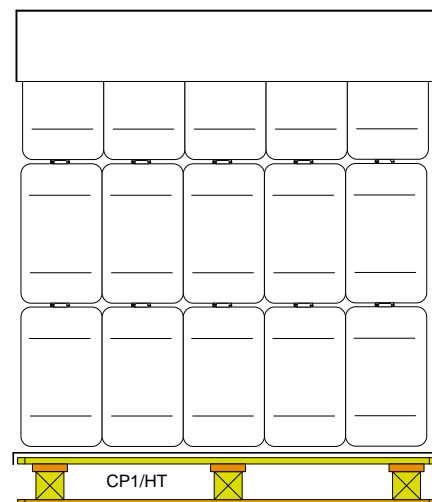
## Stacking configurations







51 bottles / pallet



**Possible design for cardboard cover tray**

