

One Step Ahead with Sustainable Agriculture



Azienda Agricola Moranda – Italy



Bayer
Forward 
Farming



At Bayer ForwardFarms, farmers and Bayer experts demonstrate innovative solutions for sustainable agriculture that comprise three components:

// **Tailored Solutions** – Innovative products and services tailored to customer needs, including high quality seeds and traits, biological and chemical crop protection products and digital solutions. These solutions are backed by tailored services ranging from agronomic support, field demonstrations, diagnostics, and prediction tools to documentation.

// **Proactive Stewardship** to ensure product integrity (for seeds and crop protection products), protect human health, and preserve the environment. We offer training to raise standards of handling and usage, as well as to minimize any possible risks to human health and the environment.

// **Partnerships** to enhance the quality of life for farmers, communities, and society. Mutually beneficial partnerships that include all players in the value chain and help to leverage the potential for collaboration in modern agriculture.

Sustainable Agriculture in Practice

In the famous area of DOC Valpolicella, the Capurso family produces wine varietals such as Valpolicella, Valpolicella Superiore and Amarone, also known as “The Great Bitter” because of the partially dried grapes that help give the wine its full body and rich flavor. The Capurso’s strive to uphold the renowned legacy of the Veneto region wines by implementing modern farming techniques and respecting their surroundings. On Bayer ForwardFarms like Azienda Agricola Moranda, Bayer and farmers join hands to demonstrate sustainable agriculture in practice.



Introducing Azienda Agricola Moranda

**Owned by
Nunzio Giovanni Capurso**



Location:

Valpantena, near Verona.



History:

Farmed by the Capurso Family since 1896, owned by Nunzio Giovanni Capurso and his daughters, Camilla and Selene.



Farming Land:

Well-drained alluvial soil rich in clay and limestone.



Crops:

Wine grapes, cherries and olives are grown on 17 ha.



Partners:

Braglia, Bulzoni Meccanica, Graper, Mybatec, Pessl Instruments, World Biodiversity Association.

Azienda Agricola Moranda

Farm Profile



- Tailored Solutions
- Proactive Stewardship
- Partnerships

Key Elements

- 1 Integrated crop protection solutions**
Integrating chemical and biological crop protection products in a sustainable manner with modern farming techniques to protect the vineyards from adversity.
- 2 Fungal disease monitoring**
Advance knowledge of fungal disease development in the grapevines through a decision support system ensures appropriate and timely intervention.
- 3 Insect pest monitoring**
Smart digital traps provide real-time data on the population dynamics of insects harmful to the vines and enable intervention only when needed.
- 4 Weather monitoring**
Weather station supplies real-time information on changes in weather and soil moisture enabling optimal irrigation and correct crop protection product use.
- 5 Operator safety**
Maximizing user safety throughout all stages of crop protection, product application and storage with personal protective equipment and services.
- 6 Safe transfer of crop protection products**
Proper dosing and handling of liquid crop protection products for the sprayers through easyFlow®, an innovative system that ensures operational efficiency and safety for both the operator and the environment.
- 7 Application of crop products**
Effective treatment of crops through proper distribution of crop protection products on the plant.
- 8 Biodegradation of crop protection products**
Water used for cleaning spray equipment is collected and crop protection product residues are broken down naturally by micro-organisms via the Phytobac® system. This avoids runoff into the environment.
- 9 Preserving biodiversity**
Fostering the coexistence of different species of animals and plants through the implementation of activities aimed at preserving natural habitat.
- 10 Biodiversity monitoring**
Regular monitoring of biodiversity status on the farm through the Biodiversity Friend® certification.
- 11 Protecting bees**
Encouraging the presence of bees on the farm by taking measures that foster food availability and living space.
- 12 Partnerships**
Bringing together the skillsets and expertise to demonstrate successful and modern sustainable farming.



For further information, visit our website:

www.forwardfarming.com

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Contact Us

Bayer CropScience S.r.l.

Viale Certosa, 130
20156 Milano (MI)
Italy

Eleonora Spiazioni

E-mail:
eleonora.spiazioni@bayer.com

www.cropscience.bayer.com
www.bayer.it
www.cropscience.bayer.it

**Agricola Moranda
di Capurso S.S.A.**

Via Gazzego 2/A
37142 Verona
Italy

www.capursowine.com

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SBS-19-1065