

One Step Ahead with Sustainable Agriculture



Ferme de Bulas – France



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

High quality wheat for baking and seed production is the main crop at Ferme de Bulas. Located in the important cereal region of Beauce, the farm has been managed by the Petillon family for three generations. Using innovative technologies, respecting safety and the environment and sharing their agricultural practices is important to them. On Bayer ForwardFarms like Ferme de Bulas, Bayer and farmers join hands to demonstrate sustainable agriculture in practice.



Introducing Ferme de Bulas

Managed by
Dominique, Jérôme and Pascale Petillon



Location:

Houville la Branche (28), near Chartres, France



History:

Ferme de Bulas has been family run for three generations. This legacy continues as Jérôme, the son of Pascale and Dominique, joined the farm in 2016.



Farming Land:

Mostly silty clay



Crops:

Cereals, oil seed rape, sugarbeets, pea protein, potatoes



Partners:

Fédération des chasseurs d'Eure-et-Loir (Eure-et-Loir hunters' federation), beekeepers, Hommes et Territoires (sustainable agriculture association), Laboratoire d'Eco-Entomologie d'Orléans (Orleans Eco-Entomology Laboratory), Axereal (grain cooperative)




Ferme de Bulas

Farm Profile



Key Elements

- 1 Precision farming**
GPS-guided work tasks (sowing, spraying, fertilizing and harvesting) to optimize fuel and input use.
- 2 Rational crop protection applications**
In cereals, fungicide applications are made with the help of an advisor supported by a decision-making tool called Positive®.
- 3 Innovative application techniques**
Sprayers equipped with drift control and automatic boom section control.
- 4 Fertilization management**
Optimized nitrogen application taking into account evaluations made with the FARMSTAR® decision support tool provided by the Axereal cooperative.
- 5 Integrated weed management**
Adjusted weed management program and extended crop rotation (integration of pea protein) in the areas with resistant black-grass.
- 6 Good sowing practices**
Implementing measures to limit the presence of grain on the soil surface which could be eaten by wild animals when sowing.
- 7 Farming and beekeeping**
The farmer and beekeeper have signed an apiculture and agriculture best practices charter to protect bees on the farm.
- 8 Biodiversity**
Monitoring of biodiversity such as flora, birds, worms, pollinators, beetles etc. Hedges and strips of corn have been integrated into fields to benefit wildlife.
- 9 Safe product storage and handling**
Modernization of the product storage and sprayer filling area to improve working conditions and safety for workers and the environment.
- 10 Phytobac®**
The bioremediation system ensures optimal on-farm wastewater management.
- 11 Partnerships**
Bayer ForwardFarming builds on existing partnerships to leverage expertise and skills.

-  Tailored Solutions
-  Proactive Stewardship
-  Partnerships



For further information, visit our website:
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