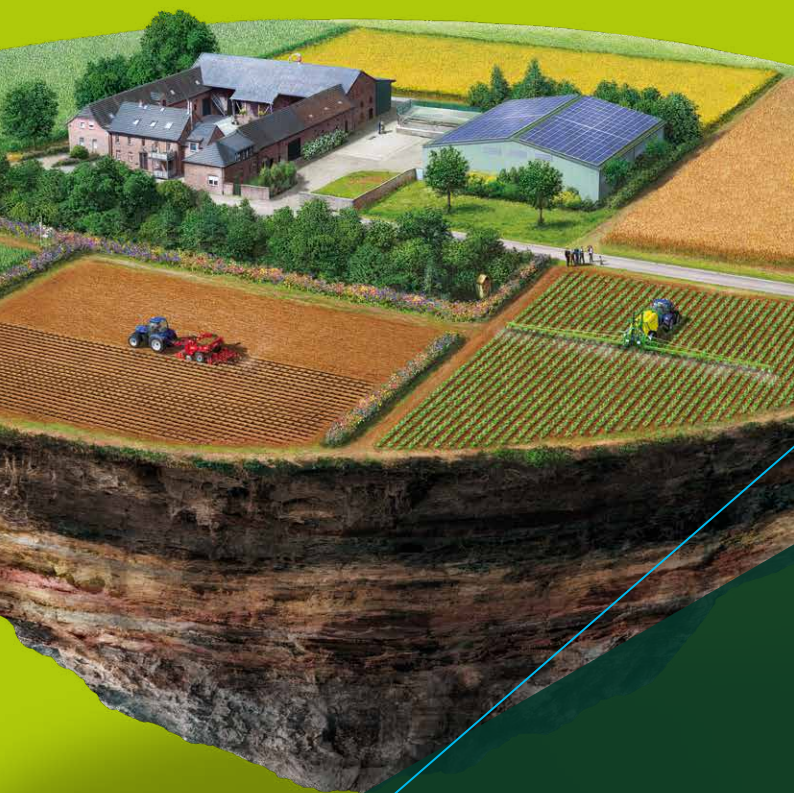


One Step Ahead with Sustainable Agriculture



Damianshof – Germany



Bayer
Forward 
Farming

Sustainable Agriculture in Practice

“I don’t want to be a successful farmer simply in the here and now; I want to protect resources of my farm for my children and grandchildren.” This is the principle that guides all of farmer Bernd Olligs’ actions. At the Damianshof, which his family has been farming for six generations, he combines productivity with biodiversity. Bayer ForwardFarming supports him in his efforts with measures that focus on the promotion of biodiversity, bee health, and groundwater and user protection.



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.



Introducing Damianshof

Owned by Bernd Olligs



Location:

Rommerskirchen.



History:

Founded in 1845, Damianshof has been farmed by six generations of the same family.



Farming Land:

Deep brown earth with 10 to 20 meters of loess topsoil and a soil rating of between 90 and 95.



Crops:

Winter wheat, sugar beets, potatoes, winter oilseed rape and winter barley.



Partners:

FlächenAgentur Rheinland GmbH, Stiftung Rheinische Kulturlandschaft, OICOS Konzepte GbR, biologist & bee expert.

Damianshof

Farm Profile



- Tailored Solutions
- Proactive Stewardship
- Partnerships

Key Elements

- 1 Seeds**
High-quality, certified seeds are the basis of good yields.
- 2 Bayer SeedGrowth®**
A holistic approach helps farmers make full use of the potential of their seed.
- 3 Plant protection**
Chemical crop protection products guarantee the health of crops and protect plants from diseases and pest infestation.
- 4 Weather station**
Continuous monitoring and documentation of weather data, such as temperature, precipitation, and leaf wetness, optimize targeted plant protection measures.
- 5 Septoria timer**
Timely Septoria monitoring of crops makes it possible to determine the right moment to apply fungicides.
- 6 Digital farming**
Digital solutions support the farmer in decision-making. Plant protection applications are optimized, and the environment is preserved.
- 7 Protection from soil erosion**
New techniques, such as cross-dyke ridging in the cultivation of potatoes, protect the topsoil and reduce the danger of flooding.
- 8 Phytobac®**
Eliminates the remains of crop protection products in water used for cleaning equipment, to prevent contaminating runoff.
- 9 Flower strips**
Annual and perennial flower strips in strategically favorable locations protect the flora and fauna, including birds, beetles and earthworms.
- 10 Bee hotels**
Wild bees and other pollinators enjoy protection from predators and bad weather in this nesting aid.
- 11 Skylark plots**
Small untilled patches in cereal fields help the endangered skylark land safely and build nests.
- 12 Partnerships**
The aim is to master the challenges of sustainable agriculture in collaboration with most diverse players.



For further information, visit our website:

www.forwardfarming.com

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