



One Step Ahead with Sustainable Agriculture

**Agro-Farm GmbH Nauen –
Germany**



Bayer
Forward 
Farming

Sustainable Agriculture in Practice

Acting sensibly economically and ecologically – this is the principle that Dirk and Stefanie Peters follow when operating their farm Agro-Farm GmbH in Nauen near Berlin. Every season, the farmers confront yet again the challenges of combining good yields with sustainable practices. From innovative solutions and projects in the areas of biodiversity and bee health, to groundwater and user protection, customized advice, and digital services, Bayer ForwardFarming is a partner in these efforts.



Introducing Agro-Farm GmbH Nauen

Managed by Dirk and Stefanie Peters



Location:

Nauen, northwest of Berlin.



History:

The Peters family are fourth-generation farmers in Nauen. Agro-Farm GmbH Nauen was founded in 1991.



Farming Land:

2,500 hectares of land on the Nauen Plateau, mineral and marshy lowland soils.



Crops:

Winter oilseed rape, corn, winter wheat, winter rye, winter barley, sugar beets, summer oats, soybeans, fast-growing trees and grassland.



Partners:

Leibniz Centre for Agricultural Landscape Research (ZALF) branch office Paulinenaue, Institute for Agro-ecology and Biodiversity (IFAB), local bee-keepers and schools, among others.

Agro-Farm GmbH Nauen

Farm Profile



- Tailored Solutions
- Proactive Stewardship
- Partnerships

Key Elements

- Seeds and Bayer SeedGrowth®**
High-quality, certified seeds are the basis of a good harvest. Bayer SeedGrowth® protects the seeds from diseases and improves stress tolerance.
- Integrated crop protection**
An integrated approach consisting of diagnostic tools, mechanical, chemical and biological crop protection products sustainably promotes high yields.
- Digital solutions**
Digital solutions support the farmer in decision-making. Crop protection applications are optimized, and the environment is protected.
- Safe storage and safe use of crop protection products**
Crop protection products are stored safely in a suitable storage facility. The correct personal protective equipment and closed transfer system easyFlow M provide protection for both the user and the environment.
- Soil health and erosion prevention**
The farm uses cover crops and tillage methods to minimize soil erosion and maximize water protection.
- Flower strips and flower meadows**
Provide feeding habitats for pollinators as well as nesting aids for insects and birds.
- Phytobac® and water protection**
Microorganisms break down crop protection residues in the Phytobac® system, thus protecting water bodies.
- Bee houses, beetle banks and earth piles**
In addition to providing important nesting opportunities, these nesting aids offer wild bees and other pollinators and insects protection from predators and bad weather conditions.
- Skylark plots and nesting boxes**
Small un-tilled patches in cereal fields help the endangered skylark to safely land and build nests. Protected nesting aids help cave and cavity breeders like swifts and swallows to raise their young in safety.
- Renewable energy**
With wind turbines, solar panels, and a biogas plant, Dirk and Stefanie Peters have created a sustainable second business pillar.
- Direct sales**
The farmers also sell products directly on their site in their own farm store.
- Partnerships**
Uniting competencies from a wide range of stakeholders to jointly meet the challenges of sustainable agriculture.



Bayer ForwardFarming provides an up-close look at how farmers are practicing sustainable agriculture around the world. Unique in its global reach the Bayer ForwardFarming network serves as platform for knowledge sharing and dialogue. Forward-Farmers deploy technologies and best practices that reduce agriculture-related greenhouse gas emissions, decrease the environmental impact of crop protection, promote biodiversity and conserve natural resources.

On the ForwardFarms, progress towards the Crop Science sustainability commitments truly comes to life.

Bayer ForwardFarming demonstrates solutions that support sustainability in agriculture across the following three components:

// **Care for Crops** – Every farm is different, and every field within a successful farming operation is unique. **Tailored Solutions** are needed to meet the needs of the individual farmer and their specific field – from the right seeds and traits to the correct type and amount of crop protection, to the digital tools and services that allow for good decision making and precision.

// **Care for the Planet and People** – ForwardFarming promotes and demonstrates **Proactive Stewardship** to protect human health and preserve the environment. Examples include addressing the safe and responsible use of crop protection products; soil health, biodiversity, and water conservation; and offering training in all of these areas.

// **Care for Partnerships** – Bayer ForwardFarming fosters **Partnerships** with agricultural value chain actors, research centers, universities, and other institutions to strengthen sustainable farming development.



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