



# One Step Ahead with Sustainable Agriculture

**Hof ten Bosch – Belgium**



Bayer  
Forward   
Farming

# Sustainable Agriculture in Practice



High-quality potatoes grown for the crisps industry are the main crop cultivated at Hof ten Bosch. The Peeters family also grows wheat, corn, sugar beet, oilseed rape and pears. The farm, located in Huldenberg in the countryside near Brussels, has been managed by the family since 1890. Using innovative technologies, respecting safety, preserving the environment and sharing agricultural practices with others is important to them. On Bayer ForwardFarms like Hof ten Bosch, Bayer joins hands with farmers and partners to demonstrate sustainable agriculture in practice.

**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 Hof ten Bosch

**Owned by Jan and Josse Peeters**



### **Location:**

Huldenberg, near Brussels, Belgium



### **History:**

Farmed by the Peeters family since 1890, owned by Jan and Josse Peeters since 1980



### **Farming Land:**

100 hectares of own land + 40 hectares leased. Hilly area with a well drained and fertile sandy loam soil



### **Crops:**

Potatoes, wheat, sugar beet, corn, oilseed rape and pears



### **Partners:**

Fruitful collaborations with both public institutions (University of Ghent, Vogelbescherming Vlaanderen) and private companies (PepsiCo, Beutech)

# Hof ten Bosch

## Farm Profile



- Tailored Solutions
- Proactive Stewardship
- Partnerships

### Key Elements

- 1 Seeds**  
High-quality, certified seeds are the basis for healthy and productive crops and support Integrated Pest Management practices.
- 2 Crop protection**  
Chemical and biological crop protection products, as well as mechanical measures, are combined for sustainable production of healthy food.
- 3 Bayer SeedGrowth®**  
The fully integrated and comprehensive system for on-seed applications helps seeds to thrive and boosts yields.
- 4 Precision farming**  
Precise application using GPS and Variable Rate Application (VRA) ensures sustainable and efficient use of crop protection products.
- 5 Decision support tools**  
Information regarding weather and soil conditions, as well as pest and disease warnings, are used to optimize the timing of crop protection product application.
- 6 Soil erosion**  
Buffer strips and micro dams in potatoes prevent soil erosion and washing off of fertilizers and crop protection products to the surface water.
- 7 Functional biodiversity**  
Biodiversity is stimulated with flower strips at the field margins. The creation of a bee friendly garden and nesting places for wild bees and birds enhances pollination and natural pest control.
- 8 easyFlow®**  
Thanks to the development of the closed filling system easyFlow® the exposure of users and the environment is limited to an absolute minimum.
- 9 Phytobac®**  
An adapted farmyard infrastructure with a special filling and rinsing place and a Phytobac® prevents run-off into the environment.
- 10 Personal protection equipment**  
Operator safety can be ensured by using correct personal protective clothing ([dresscode.bayer.com](https://dresscode.bayer.com)).
- 11 Bee care**  
Supporting bee health through pest and varroa control, pollen and nectar offerings as well as the correct use of crop protection products.
- 12 Partnerships**  
Bayer ForwardFarming brings together the competencies of mutually beneficial partnerships into a single holistic system.



For further information, visit our website:  
[www.forwardfarming.com](http://www.forwardfarming.com)

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