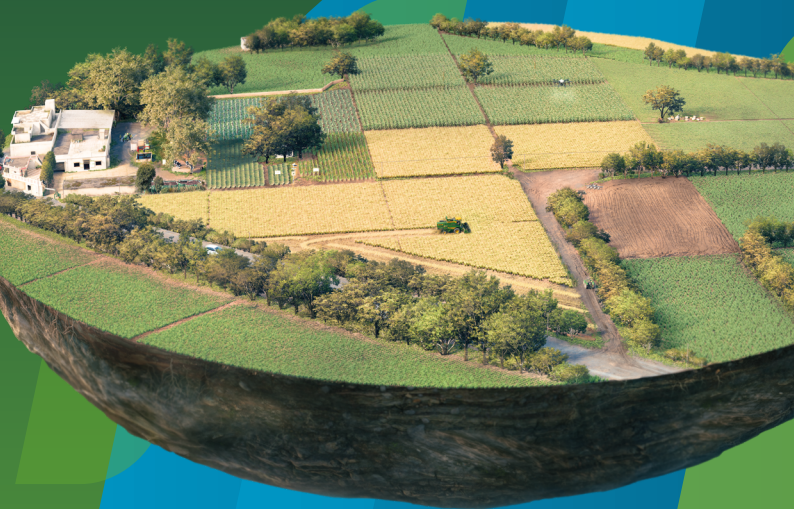


Empowering farmers
for a **resilient future.**

Abhishek Agri Farm
India



Forward ▶▶
Farming





Bayer ForwardFarming provides an up-close look at how sustainable and especially regenerative agriculture is applied on real farms around the world. As a global platform with farmers at the forefront, it enables knowledge sharing and dialogue while demonstrating how tailored production systems combine the right mix of practices, tools, and inputs to improve productivity and support environmental outcomes. Applied across multiple crops and seasons, these systems show that regenerative farming can be both economically viable and operationally scalable.

Each ForwardFarm is unique. Together with farmers, we test, refine, and demonstrate regenerative farming systems. We are cultivating Outcomes through Regenerative Ecosystems.

// Practices that Regenerate – Farming practices like cover cropping, crop rotation, reduced tillage, and tailored nutrient strategies are at the core of regenerative production. These practices build soil health, reduce erosion, and help create more resilient cropping systems.

// Tools that Guide – Advanced digital technologies, weather-based insights, diagnostics, and advisory tools help farmers make better, more efficient decisions. These support smarter use of inputs and provide data to guide long-term improvements across the production system.

// Inputs that Enable – High-performing seeds and traits, sustainable crop protection solutions, and biological products work together to support productivity and environmental outcomes. Combined with local agronomic knowledge, these inputs form the building blocks of every regenerative system.

Multi-Year. Multi-Crop. On the Farm.

Applied across multiple crops and seasons, from a Bayer agronomic approach these systems evolve with the farm and help deliver real benefits to productivity, soil health, biodiversity, and climate resilience.

Advancing Regenerative Agriculture *in the Field*

Situated in Haryana, this multi-generational farm spans 40 hectares (100 acres) and cultivates rice, corn, potato as the major crops.

Led by an agricultural entrepreneur, the farm is pioneering Direct-Seeded Rice (DSR), potato seed production, and high-yielding corn hybrids. The focus is on building healthier soils through practices such as DSR, crop residue incorporation, water conservation, and safe farming methods.

Each season, the farm tests and adopts innovative solutions—from IPM techniques and improved crop varieties to advanced machinery—serving as a model of inspiration for neighbouring farmers to modernize and embrace sustainable practices.

In collaboration with Bayer, Abhishek Agri Farm is demonstrating advanced technologies and regenerative agriculture approaches—with the shared vision to produce more while restoring more.

Introducing Abhishek Agri Farm

Owned by
Mr. Abhishek Chopra



Location

Niwarsi Village, Kurukshetra District, Haryana state, near Delhi.



History

The farm was established 3 decades ago. Over time, the farm evolved, introducing locally adapted crops, new tools and techniques, driving growth and resilience.



Farming Land

Sandy loam soil.



Crops

Kharif Season – Rice
Rabi Season – Potato, Wheat and Tomato
Spring – Corn

Abhishek Agri Farm

Farm Profile



- Practices
- Tools
- Inputs

Key Elements

- Optimized crop management**
Crop diversification, crop rotation, balanced nutrient management, integrated pest management, mechanization and nano fertigation improve productivity, profitability, and sustainability.
- Soil health**
Crop rotation, no-till, and integrated nutrient management - including stubble and compost management - restore humus content and enhance long-term soil fertility.
- Carbon-smart farming**
Direct seeded rice (DSR) conserves 25–30% water, reduces methane emissions, and rebuilds soil carbon. Alternating wet and dry management in transplanted rice saves 2–3 irrigations per season.
- From field to plate**
Quality standards ensuring good appearance and residue compliance boost market appeal and expand export opportunities.
- Safety first**
Ensuring top safety through label adherence, PPE use, safe input storage, Phytobac® Mini for environmental protection, and regular training for all operators.
- Natural habitats**
Promotes and preserves biodiversity through natural habitats for insects, birds, and other animals as well as beekeeping and cattle rearing.
- Digital tools**
New tools like a weather station and drone technology increase productivity while reducing the use of resources.
- Efficient crop protection application**
Advanced tools like ultra-low volume sprayers and drone technology enable precise, safe, and efficient application of CPP, ensuring better coverage and minimal waste.
- Phytobac® mini**
A sustainable, closed-system solution for managing wastewater from equipment cleaning. It biologically degrades CPP residues and is specially designed for smallholder farmers.
- Top quality seeds**
Certified and hybrid seeds (like rice dual-trait technology), resilient varieties, and advanced seed treatments ensure healthy seedlings and high-performing crops.
- Integrated crop protection**
Smart weed, pest, and disease management using diagnostics, monitoring, and resistance control - enabling innovative, preventive, and biological solutions.



For further information, visit our website:

www.forwardfarming.in

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