



One Step Ahead with Sustainable Agriculture

Harborview Farms – USA



Bayer
Forward 
Farming



Sustainable Agriculture in Practice

Harborview Farms, a 4th generation family operation, produces high-quality grains in a responsible and sustainable manner. Farmer Trey Hill and his team are committed to keeping the farm's ecologically sensitive surroundings healthy and strong. They closely monitor all crop inputs and work in collaboration with Bayer and various environmental organizations to maintain an open dialogue and collaborate around conservation efforts. Innovative technologies and sustainable farming methods, including no-till crop production, the use of cover crops, and solar power, are critical to the farm's mission of practicing and promoting sustainable agriculture.

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.
- // **Collaborations** to enhance the quality of life for farmers, communities, and society. Mutually beneficial collaborations that include all players in the value chain and help to leverage the potential for collaboration in modern agriculture.



*Introducing
Harborview Farms*
Owned by Trey Hill



Location:

Rock Hall, Maryland (near Washington, D.C.).



History:

Harborview Farms is a 4th generation family farm that has been in operation since the early 1900s.



Farming Land:

Sandy loam and silt loam deposited on the coastal plain.



Crops:

Corn, soy and wheat.



Collaborators:

Chesapeake Bay Foundation, Soil Health Partnership/NCGA, University of Maryland, USDA-ARS, NRCS, DNR, MDA.

Harborview Farms Farm Profile



Key Elements

- 1 Seeds**
Use of high-quality seed with appropriate traits and seed treatments to combat pests and diseases and ensure healthy plant growth and optimum yield.
- 2 Soil Health**
No-till farming is used in conjunction with other conservation practices to increase water infiltration, sequester carbon, and maintain organic matter for soil fertility.
- 3 Cover Crops**
Cover crops are used to improve soil health, prevent erosion, reduce pollution and improve water quality in the surrounding areas.
- 4 Precision Agriculture**
GPS-guided technology optimizes the use of fuel and inputs, while reducing run times and waste, to promote healthier surroundings.
- 5 Integrated Pest Management (IPM)**
Environmentally-sensitive and economically-viable approach to the management of insects, weeds, diseases and nematodes.
- 6 Renewable Resources**
A solar site powers all of the on-farm facilities, including an irrigation pivot and the entire grain system, reducing the farm's dependency on non-renewable fuels.
- 7 Energy Efficient Systems**
State-of-the-art grain dryers are solar-powered and designed to be energy efficient.
- 8 Product Storage & Handling**
Proper product storage and disposal, label adherence and the use of personal protective equipment are critical to the farm's proactive stewardship efforts.
- 9 Environmental Conservation**
Buffer zones and dedicated conservation areas ensure preservation of the surrounding Chesapeake Bay.
- 10 Habitat Enhancement**
Pollinator strips, milkweed preservation and cover crops provide critical forage and habitat for wildlife.
- 11 Collaborations**
Leveraging skills and expertise from the community and organizations across the nation ensures smart farming that is ecologically aware and sustainable.

- Tailored Solutions
- Proactive Stewardship
- Collaborations



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