News Release

BASF introduces xarvio SeedSelect as part of xarvio FIELD MANAGER

RESEARCH TRIANGLE PARK, NC, November 13, 2023 — BASF is introducing xarvio® SeedSelect, a novel seed variety placement technology based on an algorithm derived from plot trial field research, local topographic and soil attributes, and variety-specific yield building characteristics. Using advanced data and analysis methods, xarvio SeedSelect evaluates soybean varieties based on how they build yield, which provides a foundational understanding of what field characteristics will best support growth and matches them to growers' fields based on those characteristics.

Soybean success starts with understanding a field's environment, and that means much more than weather.

"We have conducted trials across multiple fields with a lot of variability to isolate and understand the influence of subfield environments," said Greg Ury, BASF Agronomist "We look at how a variety interacts with multiple attributes such as organic matter, cation exchange capacity (CEC), slope, and other factors that contribute to yield. This helps guide us in placement and management so we can make sure varieties are in fields where they belong and diminish the impact of unpredictable weather."

With xarvio SeedSelect, retail seed professionals can confidently recommend the

best seed for every acre.

"Seed selection is the most important factor in soybean yield and selecting the correct variety can be a complex and time-consuming process," said Amy Pawlick, Digital Farming Manager for BASF. "With xarvio SeedSelect, retailers gain access to prescriptive variety selection and field placement, endeavoring to confidently improve growers' yield potential from the very first year."

xarvio SeedSelect utilizes an algorithm that considers influential topographic and soil attributes and their impact on soybean growth and development. When customer field data is paired with information about an individual variety's yield-building characteristics, the algorithm recommends the best Xitavo soybean seed varieties for a specific field's characteristics. The outcome is an increased probability of successful product placement and performance.

Ryan Myers of Fairbury, Illinois, has been utilizing data now available in xarvio SeedSelect with his retailer to help guide his Xitavo soybean seed selection.

"I think it is a fantastic program," Myers said. "I stick to the data on what varieties need to be on each field of my farm, and the technology has been tremendous. Before using the program, we were averaging 60 bushels per acre, and now we've climbed to 70 bushels per acre."

xarvio SeedSelect is available as part of xarvio FIELD MANAGER, an advanced crop optimization platform that helps agricultural retailers deliver unrivaled service and value to customers, through timely, field-specific agronomic recommendations. xarvio FIELD MANAGER supports retailers and growers throughout the entire season, from planning to harvest. xarvio SeedSelect and xarvio FIELD MANAGER will enhance retailers' ability to visualize crop and product performance across a range of indicators, such as biomass maps, crop phenology staging and satellite imaging. To learn more, visit: www.xarvio.com.

About xarvio Digital Farming Solutions – a brand by BASF Digital Farming GmbH

xarvio Digital Farming Solutions is at the forefront of the digital transformation of agriculture, optimizing crop production. Its products, xarvio FIELD MANAGER and xarvio HEALTHY FIELDS, use an advanced crop modelling platform to provide independent, timely and field-specific agronomic advice. xarvio's proven technology consistently delivers measurable benefits for farmers, helping them to produce crops more efficiently, sustainably, and profitably. For more information, please visit www.xarvio.com or any of our social media channels.

About BASF's Agricultural Solutions division

Farming is fundamental to provide enough healthy and affordable food for a rapidly growing population while reducing environmental impacts. Working with partners and agricultural experts and by integrating sustainability criteria into all business decisions, we help farmers to create a positive impact on sustainable agriculture. That's why we invest in a strong R&D pipeline, connecting innovative thinking with practical action in the field. Our portfolio comprises seeds and specifically selected plant traits, chemical and biological crop protection, solutions for soil management, plant health, pest control and digital farming. With expert teams in the lab, field, office and in production, we strive to find the right balance for success – for farmers, agriculture and future generations. In 2022, our division generated sales of €10.3 billion. For more information, please visit www.agriculture.basf.com or any of our social media channels.

About BASF

BASF Corporation, headquartered in Florham Park, New Jersey, is the North American affiliate of BASF SE, Ludwigshafen, Germany. BASF has approximately 16,000 employees in North America and had sales of $25.7 billion in 2022. For more information about BASF's North American operations, visit www.basf.com/us.

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. More than 111,000 employees in the BASF Group contribute to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio comprises six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care and Agricultural Solutions. BASF generated sales of €87.3 billion in 2022. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the United States. Further information at www.basf.com.