

News Release

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xarvio® SCOUTING introduces new precision feature for pheromone trap analysis

- **New feature instantly identifies and counts insect pests**
- **Developed for European growers of grapes, pome fruit and stone fruit**
- **Detects codling moth, grape moth and oriental fruit moth**

Cologne, Germany – xarvio® SCOUTING, from BASF Digital Farming GmbH, has introduced an instant pheromone trap analysis feature to support European growers of grapes, pome fruit and stone fruit this growing season.

The new, precision feature is accessible in the free to download and use xarvio SCOUTING smartphone app. Suitable for growers in France, Germany, Greece, Italy, Poland, Spain, and the UK, the feature uses advanced image recognition technology, machine learning and algorithms to accurately identify and count codling moth, grape moth, and oriental fruit moth numbers in pheromone traps.

Intuitive and easy to use, growers using xarvio SCOUTING simply take a picture of the pheromone trap with their smartphone, then submit the image for analysis. Within seconds they receive the result from the app, detailing the insect pest type and number. Access to this information helps growers make faster crop management decisions, while gaining a better understanding of potential insect pest infestation levels in their crops and the local surrounding area. The new feature also automatically documents all findings.

“At xarvio we remain focussed on providing greater convenience and value to farmers, advisors and growers, helping them optimize crop production, improve profitability and achieve greater sustainability. This is possible because our digital solutions enable faster, precise agronomic decisions including a more efficient use of crop applications,” says Eva Hill, Global Product Manager xarvio SCOUTING.

“Our unique pheromone trap analysis feature in xarvio SCOUTING underlines our focus, by delivering a field-tested solution that meets growers’ needs. We’re confident growers of grapes, pome fruit and stone fruit, will appreciate the value this new feature delivers, particularly its accuracy and the fact it saves them from the often tedious and time-consuming task of manually counting insect pests in pheromone traps,” concludes Hill.

xarvio SCOUTING is tailored to suit local agronomic conditions. In addition to its new pheromone trap analysis feature, it monitors nitrogen uptake, analyzes leaf damage, detects more than 400 weeds and recognizes damages caused by more than 400 different diseases, insect pests and nutrient deficiencies in over 60 different crops.

xarvio SCOUTING is free to download and use from the App Store or Google Play.

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. xarvio® offers digital products, based on a global leading crop modelling platform, which delivers independent, field-zone-specific agronomic advice that enables farmers to produce their crops most efficiently and sustainably. xarvio® products - xarvio® SCOUTING, xarvio® FIELD MANAGER and xarvio® HEALTHY FIELDS are used by farmers and advisors in more than 100 countries. xarvio® FIELD MANAGER is currently used by more than 80,000 farmers (total area of more than 11 million ha) in 16 countries, with xarvio® SCOUTING downloaded more than 6 million times. 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 2021, our division generated sales of €8.2 billion. For more information, please visit www.agriculture.basf.com or any of our social media channels.