

Dive into Agricultural Innovation with Arvalis Lorraine in Saint-Hilaire-en-Woëvre on June 12

Get ready for tomorrow's farming season with an afternoon of technical trials, live demos, and expert advice.

On June 12, farmers, technicians, and innovation enthusiasts are invited to Saint-Hilaire-en-Woëvre (55, France) for a free half-day event dedicated to the future of agriculture, organized by Arvalis Lorraine. This on-site visit will offer a comprehensive look at the latest technical breakthroughs, agronomic practices, and digital tools to support farming operations.

> A STRATEGIC EVENT FOR UPCOMING FARMING SEASONS

In the face of climate change, economic pressures, and the shift toward agroecology, this event will offer practical solutions to on-the-ground challenges. Key technical themes for the region will be explored:

Weed management: combining agronomy and chemistry Today's weed control strategies rely on integrated approaches. The event will showcase chemical control assessments alongside demonstrations of mixed techniques, such as localized spraying paired with mechanical hoeing in cereal crops. Agronomic methods will also be featured, with a focus on combining known practices to maximize effectiveness.

Climate change impacts on farming practices: As the climate evolves, so must farming. Plant breeding is emerging as a key adaptation tool—so which varieties are best suited? On the fertilization side, new decision-making rules will be presented to help fine-tune nitrogen input while maintaining yields. There will also be a spotlight on forage species, with insights into grassland species mixes that boost resilience against heatwaves.

Cover crops, soil health, and biodiversity: What have we learned from 20 years of soil management trials (no-till, plowing, conservation tillage) in Lorraine? Expect discussions on cover cropping and field-edge biodiversity, including the role of hedgerows in supporting ecosystems.



Digital farming in the spotlight: The event will highlight digital tools tested on the Arvalis Lorraine Digiferme® * platform, with a dedicated area for precision agriculture technologies.

On the agenda: demonstrations of autonomous farming robots for crop management, including AgXeed's AgBot, AgroIntelli's Robotti, and their equipment—Kverneland camera-guided hoe, Sky and Monosem seeders, and sprayers.

Special focus will be given to digital weed control, with systems that detect and target weeds, such as Berthoud's Sniper with CarbonBee sensors, and performance results from Ecorobotix's ARA. Our partner, the Walloon Agricultural Research Centre (Belgium), will showcase FarmDroid and mechanical inter-row weeding using Kult. Attendees will also get a glimpse of the techno-economic evaluations of these innovations on a Lorraine farm.

Lastly, a GPS precision area will decode systems like RTK and Centipede for optimized field use.

*These trials are part of EU and Grand Est Region co-funded projects: [Farmtopia](#) (Horizon Europe), [AgRoboConnect](#) (Interreg FWVL), and [AgriFood4Future](#) (Erasmus+).

> A UNIQUE OPPORTUNITY TO CONNECT WITH EXPERTS

In addition to the live demonstrations and economic evaluations, visitors will have the chance to interact directly with experts—agronomists, engineers, and field technicians. The goal: get fresh ideas and tailored advice to improve your farming practices.

> EVENT INFO

-  Date : Thursday, June 12, 2025
-  Location : Arvalis Trial Platform – Saint-Hilaire-en-Woëvre (55, France)
-  Free event – Registration recommended
-  Schedule :
 - School groups: 9:00 AM – 12:30 PM
 - Farmers, technicians, industry professionals: 1:30 PM – 5:00 PM

> CONTACTS

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