

4R TECHNOLOGY REVIEW FIELD DAY



2026 Ohio – 4R Technology Review Field Day and Bus Tour

When: Tuesday, June 23

Where: Nutrien Ag Solutions, 18186 Five Points Pike, Mt. Sterling, Ohio (bus tour leaving from NAS)

Who: Retailers, Farmers, CCAs (credits will be offered), and other interested parties

Agenda:

8:00 am Registration (Coffee, Juice & Donuts)

8:30 am **Welcome and Introductions**

- Aaron Heilers, Director of Nutrient Management and Ag Policy, OABA

8:45 a.m. **Board Bus and Depart for Richards Farm**

9:15 a.m. **Arrive at the Richards Farm**

Collaboration Between Livestock and Grain Farms (CCA: 1 SW)

- *Maria Roberts, Richards Farm, Inc.*

Tour of the Richards Farm conservation practices including utilizing liquid manure from a neighboring dairy operation through overhead irrigation. The farm's founder, Bill Richards, served as Chief of USDA Soil Conservation Service during the Bush Administration. The farm has a long history of promoting soil health and nutrient management.

10:15 a.m. **Depart the Richards Farm**

10:30 a.m. **Arrive at Mt. Sterling Dairy**

Using Robotic Irrigation Technology to Apply Nutrients In-Season (CCA: 1 CM)

- *Rick Verhoeven, Owner- Mt. Sterling Dairy;*

Andrew Klopfenstein, Senior Research Engineer, Ohio State University

Bill Lehmkuhl, President and CEO, Precision Agri Services

This session will highlight how a 360 Rain Unit has been integrated at Twin Oak and Mt. Sterling Dairies to provide in-season applications of commercial and animal nutrient sources as part of a comprehensive management strategy to reduce nutrient loss while improving profitability through increased yields. Participants will learn how a high-clearance robotic irrigator can deliver nutrients and water throughout all stages of crop development, providing greater flexibility, efficiency, and precision in nutrient management.

12:00 p.m. **Depart Mt. Sterling Dairy**

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12:15 pm **Lunch** – *Sponsored by Nutrien Ag Solutions*

12:30 p.m. **Nitrogen Management: When the easy button isn't working well** (CCA: 1 NM)
- *Dr. Brian Arnall, Professor, Precision Nutrient Management Extension Specialist, Oklahoma State University*

The easy button for corn nitrogen has worked well. Nitrogen fertilizer has always been a safe bet but with farm economy where it is input ROI is becoming increasingly more critical. This session will discuss new work showing yield losses with N rates over optimum and methods and concepts of improving nitrogen use efficiency from simple things to high tech methods.

1:15 p.m. **Tour of Nutrien Ag Solutions Five Points Facility** (CCA: 1 PD)
- *Von Cremeans, Branch Manager, Nutrien Ag Solutions*

Engaging technology in our valuable work in Ag Retail is essential. From storing inputs to applying on the fields, and the Five Points location puts technology to work as they support farmers in a six-county footprint. The facility tour will demonstrate Nutrien Ag Solutions and the employees' dedication to safety, efficiency, sustainability, and unwavering desire to provide excellent customer experience.

2:15 p.m. **Adjourn Event**

PLEASE NOTE:

Be sure to claim your Fertilizer Certification Credits and CCA Credits before leaving for the day!

This event planned in collaboration with The Ohio State University Extension, Pickaway County.



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