

2018 Ohio – 4R Technology Review Field Day

When: Tuesday, July 17

Where: Blanchard Demonstration Farms
<https://blancharddemofarms.org/#home>
Kellogg Farm – Hardin County
17392 TR 50
Forest, Ohio

Who: Retailers, Farmers, Certified Crop Advisers (credits will be offered) and other interested parties



Agenda:

8 :30 am Registration (Coffee, Juice & Donuts)

9:00 am **Welcome and Introductions**
Chris Henney, OABA CEO & President

Blanchard River Demonstration Farms Network
Aaron Heilers, Project Manager

New Fertilizer Recommendations for Ohio Farmers

- Dr. Steve Culman, Assistant Professor in the School of Environment and Natural Resources, OSU, has been working for four years to update the Tri-State Fertilizer Recommendations. During this presentation, Dr. Culman will discuss this work and his most up-to-date findings.

Manure Nutrient Application - Drag Line Research

- Glen Arnold, State Field Specialist, Manure Nutrient Management Specialist, OSU Extension, will share drag line research findings from manure nutrient application in Ohio.

On Field Ohio: Keeping Phosphorus on the Field

- Dr. Elizabeth Dayton, Soil Scientist in the School of Environment and Natural Resources, OSU, has done extensive edge-of-field research work to update the Phosphorus Risk Index. Additionally, she has also worked with a team to develop an online assessment tool to help farmers make decisions about best management practices that keep phosphorus on their fields

Edge of Field Testing- Water Quality Research

- Lindsay Pease, Research Agricultural Scientist, USDA-ARS, will share goals and current project results of edge of field water monitoring.

Farmer Panel: Blanchard River Demonstration Network Cooperators

- Farmers from the three cooperating farms will share insights thus far in their journeys.

Kellogg Farms

Kurt Farms

Stateler Family Farms

12:30 pm Lunch (provided by our sponsors)

1:15 pm **New Broadcast Equipment Technology: A practical solution for improved dry nutrient application**

- Marty Wolske, Director of Business Development, Highway Equipment Company/New Leader

This new field-tested technology radically improves the way dry nutrients are applied and supports your nutrient use efficiency and responsible nutrient management efforts in a way that actually adds value to you.

Field Demonstrations will include the three implements noted below.

- Sam Custer, OSU Extension Educator for Agriculture and Natural Resources in Darke County, will moderate the afternoon in-field demonstrations.

Environmental Tillage System's Soil Warrior

- The ETS zone tillage system is built to boost soil health and minimize erosion, while blending nutrients and crop residue in the tilled zone. Soil Warrior uses guidance and variable rate technology to place the right amount of nutrients in the soil.

Harvest International strip till bar with a **Montag** dry fertilizer system

- This system can mix dry fertilizer in 9" bands, with variable rate technology.

John Deere DN345 drawn dry spreader

- High-capacity drawn spreader built upon the New Leader MultApplier-ready Spinner Spreader, is a high output, large -capacity spreader.

3:30 pm **Evaluation**
Sign-Out for CEU Credits

4:00 pm **Adjourn**