



When: Tuesday, July 16

Where: McComb, Ohio
Sessions: McComb High School
328 Todd Street
McComb

Mid-afternoon field demonstrations (participants will be bused)
Stateler Family Farms – wheat fields
Blanchard Demonstration Farms
<https://blancharddemofarms.org/#home>

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 President & CEO

Blanchard River Demonstration Farms Network
Aaron Heilers, Project Manager
Duane and Anthony Stateler, Stateler Family Farms, Network Cooperator

Different Source Nutrient Application - Drag Line Research
- Eric Richer, Fulton County Extension Educator, OSU Extension, will share drag line research findings and developments from manure nutrient application in Ohio.

OACI - 4R Farmer Certification Program
- Yvonne, Lesicko, VP Public Policy, Ohio Farm Bureau and OACI member
The Ohio Agriculture Conservation Initiative (OACI) is an innovative, collaborative effort of the agricultural, conservation, environmental and research communities to improve water quality by establishing a baseline understanding of current conservation and nutrient management efforts and building farmer participation in a new certification program.

Today's Forecast

- Sarah Jamison, Senior Service Hydrologist, National Weather Service, will bring updates from the National Weather Service on today's atmospheric science and the process for forecasting, weather outlook for Ohio and agriculture, and the 2019 algal bloom prediction.

Scouting the Digital Landscape

- Andrew Gladden, IT Manager, Luckey Farmers, Inc.

When it comes to digital record keeping, the 4R program demands an integrated approach with reporting needed from all players: growers, retailers or applicators. Traditionally, record keeping services cater to only one of these audiences, thus making collaboration between technology partners essential. With each year of collaboration, the 4R Certification process continues to get easier, while also connecting to growers on a level that allows them to be a partner in the process.

12:30 pm Lunch (provided by our sponsors)

The Fertilizer Institute

The Mosaic Company

4R Nutrient Stewardship Certification Program

- Mark Fritz, Ohio 4R Outreach Coordinator
- Andrew Allman, Executive Director – Nutrient Stewardship Council

1:15 pm **2018-19 Fertilizer Application Survey Findings**

- Dr. Greg LaBarge, Field Specialist Agronomic Systems, Ohio State University Extension, will share survey findings considering the 2018-2019 fertilizer application season, especially focused on the amount of phosphorus applied the past three years and can this help us understand the importance of annual P fertilizer application activities in the annual bloom intensity.

Tri-State Fertilizer Recommendations for Ohio Farmers

- Dr. Steve Culman, Assistant Professor in the School of Environment and Natural Resources, OSU, will provide updates to the Tri-State Fertilizer Recommendations.

Field Demonstrations

- Participants will be shuttled to the field site, with buses running continuously (between the two locations) to accommodate varying departure schedules.

4:30 pm **Adjourn Event**

Field Site 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.

Vertical Tillage Injector and Variable Rate Technology

- Duane and Anthony Stateler invested in a new manure placement toolbar for their liquid manure tank to reduce nutrient losses. The toolbar is a Vertical Till Injector with 8 rows. The manure flows through a tube and is placed approximately 5 inches below the ground and covered up by two closing coulters. This limits odors and protects the nutrients from rainfall events. The Stateler's also utilize variable rate technology on the manure tank to spread different rates across the field based on soil test information.

Edge of Field Monitoring Station - Water Quality Research

- Participants will see an edge-of field monitoring station and learn about how it functions and what results are yielded with these and other research tools.

Automated Drainage Water Management Structure

- A representative of the Agri Drain Corporation will guide participants through an automated drainage water management structure. Participants will gain an understanding on how it operates, where it fits in the landscape, and why producers would want to install this device.

Phosphorus Removal Bed and Ongoing Research

- Phosphorus filters for runoff and tile drainage will be viewed at the field site. Looking at location, design, materials used and what research is showing with these types of structures.

Please Note:

Transportation to Field Site will be provided.

Participants will be shuttled to the field site, with buses running continuously (between the two locations) to accommodate varying departure schedules.