

# THE VALUE OF GRAIN CROP ROTATIONS

*Making management decisions for optimum crop yield, water quality, nitrogen and weed management to increase resiliency and farm profitability.*

Lancaster Agricultural Research Station  
7396 State Road 35 & 81, Lancaster, WI 53813

**Monday, August 14**  
**8:30 am – 12:15 pm**

Registration Required by August 9<sup>th</sup>, 2023  
<https://shorturl.at/fmL56>

Free  
Event!



|                    |   |
|--------------------|---|
| <b>8:30</b>        | Check-in  |
| <b>8:45</b>        | Introductions and travel to rotation study<br>Introduction of long-term crop rotation study - Lancaster Agricultural Research Station Team  |
| <b>9:00</b>        | Value of crop rotation and challenging climate conditions - Joe Lauer   |
| <b>9:30</b>        | Value of crop rotation and soil erosion - Francisco Arriaga   |
| <b>10:00</b>       | Tour of rotation study and travel to WISCWEEDS plots  |
| <b>10:15-10:30</b> | Introduction of comparing weed control aspects of conventional tillage, no-till, planting green, and winter rye for ryelage systems for corn - Rodrigo Werle and Jacob Felsman    |
| <b>10:30-10:45</b> | Corn systems study tour and discussion  |
| <b>10:45-10:55</b> | Introduction of comparing weed control aspects of conventional tillage, no-till, planting green, and winter rye for ryelage systems for soybean - Rodrigo Werle and Jacob Felsman |
| <b>10:55-11:10</b> | Soybean systems study tour and discussion   |
| <b>11:10-11:30</b> | Crop rotation, cover crop biomass, and tillage water quality impacts - Chelsea Zegler   |
| <b>11:30-12:00</b> | Soil health and systems based management, slake tests, infiltration - Chris Baxter  |
| <b>12:00-12:15</b> | Planter set up and soil fertility management for high residue environments- Daniel H. Smith   |
|                    | End of field day.   |
| <b>12:15</b>       | Southwest Wisconsin producer-led group lunch and network chat - DATCP producer-led group farmers and collaborators  |

**CCA CEUS- 0.5 Crop Management, 1.0 Pest Management, 1.5 Soil and Water Management, 2.0 Sustainability**

The event is organized in collaboration with the Nutrient and Pest Management Program, WiscWeeds Lab, Agriculture Water Quality Program, Lancaster Agricultural Research Station, University of Wisconsin-Madison College of Agriculture and Life Sciences and Division of Extension and the University of Wisconsin-Platteville.