

AGRONOMY/SOILS FIELD DAY

Wednesday, August 27, 2014
Arlington Agricultural Research Station

AGENDA



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- 8:00 Registration & Coffee
 - 8:30 Soils, Forages, and Greenhouse Gas Tours depart
 - 10:30 Grains, Forages, and Greenhouse Gas Tours depart
 - 12:00 Lunch provided by Badger Crops Club (\$5 donation)
Demonstration of UAV with aerial photography
 - 1:00 Grains and Soils Tours depart
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Note: All tours are only offered twice. Tours depart promptly as scheduled.

TOURS

Grains

- Herbicide resistance in Wisconsin corn and soybean: Take action (*Vince Davis*)
- Prescription seeding rates and climate impact on Midwestern soybean (*Shawn Conley & Ethan Smidt*)
- Maximum yield systems research for corn (*Joe Lauer*)
- Going "old school" to manage corn rootworms (*Bryan Jensen*)

Greenhouse Gases & Wisconsin Agriculture

- Introduction to greenhouse gases (*Matt Ruark*)
- Greenhouse gas emissions from three crop rotations in Wisconsin (*Maciek Kazula & Joe Lauer*)
- Influence of weed management on nitrous oxide emissions (*Becky Bailey & Vince Davis*)
- Greenhouse gases from dairy-based rotations (*Sarah Collier & Matt Ruark*)
- Greenhouse gases and biofuel production (*Randy Jackson*)

Soils

- Strategies for crop residue management (*Francisco Arriaga*)
- Nitrogen sensor research for corn and wheat (*Carrie Laboski & Haily Henderson*)
- Using rolled cover crops in organic and conventional soybean production (*Erin Silva*)

Forages

- Perennial forages are essential for long-term carbon storage in Wisconsin's prairie soils (*Gregg Sanford*)
- Cautions when harvesting wet forage (*Dan Undersander*)
- What level of weed control is needed to ensure alfalfa establishment? (*Mark Renz*)
- Common alfalfa diseases for 2014 and management options (*Damon Smith*)

Visit exhibits between tours and during lunch: Apps for Ag; Nutrient & Pest Management Program; Integrated Pest Management Program; SnapPlus; and more!

The Arlington Research Station is located on Hwy. 51, about 5 miles south of Arlington and 15 miles north of Madison. Watch for Field Day signs. **GPS coordinates: 43.300467, -89.345534**

For more information contact the Dept. of Agronomy 608/262-1390 or the Dept. of Soil Science 608/262-0485

In the event of rain, presentations will be held inside.

Sponsored by the UW-Madison College of Agricultural and Life Sciences and UW-Extension.

► **Certified Crop Advisors: 6.0 CEU credits requested** ◀