

# AGRONOMY/SOILS FIELD DAY

Wednesday, August 31, 2016

UW-Arlington Agricultural Research Station

## TOURS



### PROGRAM

8:00	Registration (\$0), wagon waivers*, coffee
<b>8:30 Tours</b>	Soil Fertility & Management Grain Production Systems Pest Management
<b>10:30 Tours</b>	Soil Fertility & Management Grain Production Systems Forage Production Systems
<b>12:00</b>	<b>New Frontiers in Remote Sensing for Agriculture</b> Phil Townsend Lunch provided by Badger Crops Club (\$5 donation)
<b>1:00 Tours</b>	Pest Management Forage Production Systems Use of Remote Sensing in the Field
2:45	Have a safe trip home!

\* UW Risk Management requires all attendees to sign a waiver before they can ride the tour wagons. Please come early to help facilitate this new process.

The Arlington ARS 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

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

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

**Certified Crop Advisors: 7.5 CEU credits requested**

<b>8:30</b>	<b>10:30</b>	<b>Soil Fertility &amp; Management</b>
Split/late N applications to corn - Should I be using them?		Carrie Laboski
The Unseen Majority - Microbial life in the soil		Thea Whitman
Cover Crops: Interseeding, nitrogen credits and soil health		Matt Ruark
Quenching the Thirst of Crops: Improving soil water availability		Francisco Ariaga
<b>8:30</b>	<b>10:30</b>	<b>Grain Production Systems</b>
High input systems for higher yields		Shawn Conley
Soybean nutrient uptake		Adam Gaspar
Strip-tillage in Wisconsin		Joe Lauer
The importance of breeding diversity into crop hybrids and varieties		Lucia Gutierrez
<b>8:30</b>	<b>1:00</b>	<b>Pest Management</b>
Diseases that affect Wisconsin field crops		Damon Smith
Economics and resistance management of corn rootworm		Paul Mitchell & Bryan Jensen
Weed community composition and emergence in long-term no-tillage, strip-tillage, and chisel plow corn and soybean systems		Nathan Drewitz & Dave Stoltenberg
Managing volunteer wheat in late summer alfalfa seedings		Mark Renz
<b>10:30</b>	<b>1:00</b>	<b>Forage Production System</b>
Reduced lignin alfalfa		Ken Albrecht
Establishing alfalfa in silage corn		John Grabber
Ash in hay and wheel traffic		Dan Undersander
Breeding cool season grasses		Mike Casler
<b>1:00</b>	<b>Use of Remote Sensing in the Field</b>	
Utilizing remote sensing to estimate soybean emergence and sudden death syndrome		Steve Vosberg
Hyperspectral imaging of soybean trials		Herrmann Ittai
Using UAVs for Remote Sensing: How to and FAA regulations		Brian Luck
Using sensors for n management in wheat		Carrie Laboski

**Visit exhibits between tours and during lunch:** Apps for Ag, Nutrient & Pest Management Program, IPM Program, SnapPlus and more!