

AGRONOMY/ SOILS FIELD DAY

Wednesday, August 19, 2015

UW-Arlington Agricultural Research Station



PROGRAM

8:00	Registration & coffee
8:30	Tours: Pest Management, Soil Fertility & Management, & Bioenergy Cropping Systems
10:30	Tours: Grain & Forage Production Systems, Pest Management, & Bioenergy Cropping Systems
12:00	Lunch provided by Badger Crops Club (\$5 donation) Rick Klemme, Dean and Director of UW Cooperative Extension, will present "Re-booting UW-Extension: Transforming Today's Extension for Tomorrow's Possibilities"
1:00	Tours: Grain & Forage Production Systems, Soil Fertility & Management, & Organic Cropping Systems

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

The Arlington Ag 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

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

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

Certified Crop Advisors: 7.5 CEU credits requested

TOURS

Pest Management tours at 8:30 and 10:30

A Wisconsin perspective on corn rootworm resistance to Bt hybrids: Detection, avoidance, and management	Bryan Jensen
Herbicide resistance management in corn and soybean	Liz Bozak & Devin Hammer
Can we manage weeds without roundup ready crops when we plant corn & alfalfa?	Mark Renz & Stacey Marion
Soybean disease & insect management research results & recommendation	Jaime Willbur & Chris Bloomingdale

Bioenergy Cropping Systems tours at 8:30 and 10:30

Exploiting available genetic variability for biomass-based biofuel production: The example of corn	Natalia de Leon
Developing sustainable perennial bioenergy crops	Mike Casler
What have we learned growing eight bioenergy cropping systems over eight years?	Randy Jackson
Integrating information from breeding tools for biofuel crop development	Shawn Kaeppeler

Soil Fertility & Management tours at 8:30 and 1:00

Response of no-till corn & soybean to P & K	Carrie Laboski
Management impacts on soil organic matter and productivity of continuous corn	Francisco Arriaga
Untangling the rotation effect on soil resilience	Bill Bland
Cover crops as a trap crop for soil nitrate	Matt Ruark
Introduction of new Soil & Forage Analysis Lab Director at Marshfield	Robert Florence

Grain & Forage Production Systems tours at 10:30 and 1:00

When is yield "determined" for corn grain production	Joe Lauer
Revamping outdated soybean nutrient uptake models: Results from a high input systems model	Dave Marburger & Adam Gaspar
Other CoolBean stuff!	Shawn Conley
Forage harvest logistics image based kernel processing score & applied UAV research	Brian Luck

Organic Cropping Systems tour at 1:00

Managing organic cropping systems for carbon stabilization and accrual	Gregg Sanford
Pasture and soil quality surveys from organic dairy farms across Wisconsin	Geoff Brink, Chelsea Zegler & Anders Gurda
Cover crop-based no-till systems: Options for Wisconsin's organic farmers	Erin Silva
Breeding for organic sweet corn: The case study of "Who Gets Kissed"	Bill Tracy