



# AGRONOMY/SOILS FIELD DAY

Tours and Exhibits of Current Crops and Soils Research  
Thursday, August 27, 2009  
Arlington Agricultural Research Station

Tours depart from the Public Events Facility at  
8:30am, 10:30am, and 1:00pm

Lunch and refreshments available

## Tour A: Crop Management

- Managing corn to maximize ethanol/biofuel potential (Joe Lauer)
- Alternative forage crops (Dan Undersander)
- Impacts of recent climate change on Wisconsin corn and soybean yield trends (Chris Kucharik)
- Soybean response to plant stress (Shawn Conley)

## Tour C: Soil Science

- Summary of the Arlington 10 year tillage/rotation study (Dick Wolkowski)
- Nitrogen availability from treated manure (Carrie Laboski)
- Opportunities for biofuel crop production (Matt Ruark / Randy Jackson)
- Update on runoff monitoring of single-use watersheds at pioneer farm 2006-2009 (Chris Baxter)

## Tour B: Pest Management

- Soil-borne diseases in soybean (Paul Esker)
- PRE weed management: a soybean bailout package? (Chris Boerboom)
- Increasing winter-kill for perennial weeds: can we take advantage of our cold winters? (Mark Renz)
- Benefits of increasing grazing height on weed suppression in grass based grazing systems (Marie Schmidt)

## "Special Topic" (Afternoon only) 1:00pm

Harvesting perennial grasses and legumes for biomass  
Kevin Shinnars, Biological Systems Engineering, UW  
Madison

## **LUNCHEON SPEAKER @ 12:15pm**

### **"Tax consequences of financial distress"**

Phil Harris; Agricultural & Applied Economics, UW-Madison

## **SPECIAL SESSION @ 1:00-2:30pm**

### **"Harvesting perennial grasses and legumes for biomass"**

Kevin Shinnars; Biological Systems Engineering, UW-Madison

In the special session we will demonstrate novel harvesting strategies for biomass feedstocks such as switchgrass and alfalfa – including separate harvest of alfalfa leaves and stems.

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.

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 the UW Cooperative Extension

{Certified Crop Advisors: **6.5 CEU credits** requested}