

# AGRONOMY/SOILS FIELD DAY



Please register by August 17:  
<https://forms.gle/t1oi8xbiJWo6RNLd8>  
 or call 608-262-0485

Wednesday August 31, 2022  
 UW-Arlington Agricultural Research Station



**WISCONSIN**  
 UNIVERSITY OF WISCONSIN-MADISON

SPONSORED BY  
 College of Agricultural & Life Sciences  
 Division of Extension

**8:00** Check-in  
 Pre-registration is free and appreciated.

**8:30** Load for field tours 40 minutes per stop (3-4) 10 min presentations Q&A 10 min



STOP 1  
**Pest Management in a Changing Climate**

**PATHOLOGY** Richard (Wade) Webster  
*Keeping up with disease management in an uncertain climate*

**ENTOMOLOGY** Russ Groves  
*Earlier migrations and more generations: Insect pests in a changing climate*

**WEED ECOLOGY** Felipe Faleco, graduate student  
*Impact of extreme weather events on weed ecology and management*

STOP 2  
**Climate-plus Agriculture**

**AGRONOMY** Clare Dietz, graduate student  
*Want to Sequester Carbon? Plant grasslands*

**SOILS** Francisco Arriaga and John Jones  
*Challenges of nitrogen management in Wisconsin cropping system*

**HYDRO ECOLOGY** Eric Booth  
*Perennial cover reduces flooding downstream*

STOP 3  
**Cover Crops & Soil Health**

**WEED ECOLOGY** Jose Junior Nunes  
*Fighting weeds with covers*

**SOILS** Monica Schauer  
*Rye cover crops: where does the nitrogen go?*

**COVER CROPS** Ashley Waggoner  
*National projects on cover crops*

**SOIL HEALTH** Abigail Augarten  
*Soil health across production systems*

STOP 4  
**Using Technology to Drive Yield**

**BIG DATA** Shawn Conley  
*Using data-driven knowledge for profitable soybean management systems*

**DRONES** Brian Luck  
*Current state of unmanned aerial system (UAS) technology in production agriculture settings*

**CORN BREEDING** Jose Ignacio Varela  
*Advances in maize kernel characterization methods and its applications*

Arlington ARS is located off Hwy 51, about 5 miles south of Arlington and 15 miles north of Madison.

N695 Hopkins Rd,  
 Arlington, WI 53911

GPS coordinates: 43.300467, -89.345534

The College of Agricultural and Life Sciences will make a reasonable effort to provide accommodations for participants with disabilities when notified in advance. Request a disability accommodation by August 15 when registering. Efforts will be made to meet same day requests to the extent possible.

UW-Madison COVID-19 policies and updates can be found at <https://covidresponse.wisc.edu/>

Lunch available for \$10, provided by WAPAC



WISCONSIN ASSOCIATION OF PROFESSIONAL AGRICULTURAL CONSULTANTS

**12:00 Lunch!**

Certified Crop Advisors  
**4.0 CEU credits requested**