Agronomy/Soils Field Day
INTEGRATING NEW AG TECHNOLOGIES

Wednesday August 30, 2023
UW-Arlington Agricultural Research Station

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

8:30 Load for field tours
40 minutes per stop 10 min presentations Q&A 10 min

STOP 1
New Technologies in Field Crops: What the ROI?

AGRONOMY Joe Lauer
Short corn: The future of corn production?

UW BEANTEAM Time to sharpen that pencil!

MIDWESTERN HEMP RESEARCH COLLABORATIVE Shelby Ellison
Grain and fiber trial updates

STOP 2
Integrating New Technologies for Pest Management

ENTOMOLOGY Emily Bick
Insect detection and other smart traps

WISC WEEDS Rodrigo Werle
Smart sprayers (green-on-green applications) and weed detection maps with drones

PLANT PATHOLOGY & BIOLOGICAL SYSTEMS ENGINEERING
Damon Smith & Brian Luck
Fungicide applications with drones

STOP 3
Alfalfa Interseeded into Corn Silage: Ready for Farm Trials

AGRONOMY John Grabber
Alfalfa interseeded into corn systems

WEED SCIENCES & AGRONOMY
Mark Renz, Rayhan Shaheb & Marta Kohmann
Expanding adoption of intercropping alfalfa and corn on Wisconsin dairy farms

SOILS Xia Zhu-Barker & Josh Mirabella
Assessing manure-based products’ impact on silage corn nitrogen dynamics and environmental footprint

STOP 4
What Your Crops Need: Nutrient Management Tech

SOILS John Jones
In-season nutrient management and remote sensing of nutrient-specific deficiencies

SOILS Francisco Arriaga
Phosphorus in runoff: Dairy manure application method and cover crop amounts

SOILS Matt Ruark
Cover crops: they’re like “tech” but better

12:00 Lunch! Lunch available for $10 sponsored by WAPAC

Certified Crop Advisors
4.0 CEU credits requested

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.