



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

STOP 4
What Your Crops
Need: Nutrient
Management Tech

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

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

SOILS Francisco Arriaga
Phosphorus in runoff: Dairy manure applica-
tion method and cover crop amounts

SOILS Matt Ruark
Cover crops: they're like "tech" but better



Extension
UNIVERSITY OF WISCONSIN-MADISON



Please register by August 17:

Scan the above code or **CLICK HERE**

or call 608-262-0485

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.

Certified Crop Advisors
4.0 CEU credits requested

12:00 Lunch!

Lunch available for \$10 sponsored by WAPAC

