

8th Annual Nitrogen: Minnesota's Grand Challenge & Compelling Opportunity Conference

HOLIDAY INN, ST. CLOUD • 75 South 37th Avenue, Saint Cloud, MN

Tuesday, February 15, 2022



IN-PERSON OR ZOOM EVENT

Registration Required

Attend in person at Holiday Inn, St. Cloud
or via Zoom!

- In-person attendance will be limited to 100, with a fee of \$20 payable at time of registration.
- Virtual attendance is free, but requires registration.

Thank you to all of our Supporters!



✓ To register for in-person attendance, go to eventbrite.com/e/211131348547

✓ To register to participate via Zoom, go to tinyurl.com/kxvww35f

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NITROGEN

- 8:00 a.m. **Welcome**
- 8:10 a.m. **Session 1:**
Combining 4R nutrient stewardship with intensive agronomics to improve corn systems
Dr. Jeff Coulter University of Minnesota
- 8:50 a.m. **Session 2:**
Integration of nitrogen and irrigation management
Dr. Vasu Sharma University of Minnesota
- 9:30 a.m. **Session 3:**
Nitrogen management in drained and undrained soils
Dr. Fabian Fernandez University of Minnesota
- 10:10 a.m. **BREAK**
- 10:20 a.m. **Session 4:**
On-farm nitrogen strip-trials
Matt Wiebers CCA, CropCentric LLC
- 11:00 a.m. **Session 5:**
The MRTN database and university nitrogen rate guidelines
Dr. Dan Kaiser University of Minnesota
- 11:40 a.m. **Session 6:**
Balancing the MRTN approach with environmental outcomes
Dr. Newell Kitchen USDA-ARS/University of Missouri
- 12:20 p.m. **LUNCH**
- 1:00 p.m. **Session 7:**
Reducing nitrous oxide from corn and soy systems with designed microbial communities
Dr. Alexander Frie University of Minnesota
- 1:40 p.m. **Session 8:**
Vegetative buffers of intercropped kura clover
Dr. John Baker USDA-ARS/University of Minnesota
- 2:20 p.m. **Session 9:**
On-farm monitoring of nitrate from tiled fields
Tim Radatz Discovery Farms
- 3:00 p.m. **Session 10:**
Current status, opportunities and challenges of cropping system diversification
Jeff Strock University of Minnesota
- 3:40 p.m. **ADJOURN**

FOR MORE INFORMATION:

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Or visit:
www.mawrc.org/events



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