

9th Annual Nitrogen: Minnesota's Grand Challenge & Compelling Opportunity Conference

MAYO CLINIC HEALTH SYSTEMS EVENT CENTER • MANKATO

Tuesday, February 7, 2023



IN-PERSON OR ZOOM EVENT

Registration Required

Attend in person at Mayo Clinic Health Systems Event Center 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!



Minnesota's Agricultural Fertilizer
Research & Education Council



Minnesota Corn
GROWERS ASSOCIATION



KOCH AGRONOMIC SERVICES, LLC



✓ To register for in-person attendance: 2023NITROGENCONF.eventbrite.com

✓ To register to participate via Zoom: mawrc.live/2023NitrogenZoom



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NITROGEN

8 a.m. **Welcome**
Bruce Montgomery, MDA AFREC Coordinator

● NITROGEN MANAGEMENT AND CROP PRODUCTION

8:10 a.m. *Nitrogen management for sugarbeet*
John Lamb, University of Minnesota, retired

8:50 a.m. *PSNT as a way to manage nitrogen*
Emerson Souza, University of Minnesota

9:30 a.m. *Polymer-coated urea in Minnesota*
Fabian Fernandez, University of Minnesota

10:10 a.m. *Conducting research in your own farm*
Gabriel Paiao, Vayda

10:50 a.m. Break

● CLIMATE, WEATHER, AND THE ECONOMY

11 a.m. *Nitrogen fertilizer decisions based on climate data*
Brad Carlson, University of Minnesota

11:40 a.m. *Weather outlook for the 2023 season*
Dennis Today, USDA-ARS

12:20 p.m. Lunch

1 p.m. *Economics of fertilizers*
Bryon Parman, North Dakota State University

● NITROGEN MANAGEMENT AND THE ENVIRONMENT

1:40 p.m. *Nitrogen management in the context of soil health*
Marshall McDaniel, Iowa State University

2:20 p.m. *Update on the Groundwater Protection Rule*
Margaret Wagner, Minnesota Department of Agriculture

3 p.m. *Mitigating nitrate losses with woodchip bioreactor*
Gary Feyereisen, USDA-ARS

3:40 p.m. Adjourn

FOR MORE INFORMATION:

Dr. Fabian Fernandez
fabiangf@umn.edu
612-625-7460

Warren Formo
warren@mawrc.org
952-237-9822

Or visit:
www.mawrc.org/events



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