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

MAYO CLINIC HEALTH SYSTEMS EVENT CENTER • MANKATO

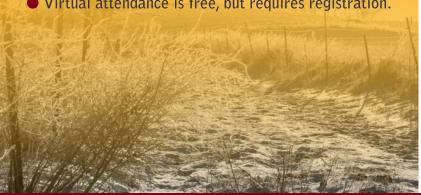
Tuesday, February 7, 2023



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!

























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- ✓ To register for in-person attendance: 2023NITROGENCONF.eventbrite.com
 - ✓ To register to participate via Zoom: mawrc.live/2023NitrogenZoom



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8 a.m.

Welcome

Bruce Montgomery, MDA AFREC Coordinator

NITROGEN MANAGEMENT AND CROP PRODUCTION

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 Todey, 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

Mitigating nitrate losses with woodchip bioreactor 3 p.m.

Gary Feyereisen, USDA-ARS

3:40 p.m. Adjourn

FOR MORE INFORMATION:

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Or visit: www.mawrc.org/events

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