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.

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

Thank you to all of our Supporters!

DEPARTMENT OF AGRICULTURE

AFREC

Minnesota’s Agricultural Fertilizer Research & Education Council

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University of Minnesota Extension
# 9th Annual Nitrogen: Minnesota’s Grand Challenge & Compelling Opportunity Conference

**MAYO CLINIC HEALTH SYSTEMS EVENT CENTER • MANKATO**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>8 a.m.</td>
<td>Welcome</td>
<td>Bruce Montgomery, MDA AFREC Coordinator</td>
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<tr>
<td>8:10 a.m.</td>
<td>Nitrogen management for sugarbeet</td>
<td>John Lamb, University of Minnesota, retired</td>
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<td>8:50 a.m.</td>
<td>PSNT as a way to manage nitrogen</td>
<td>Emerson Souza, University of Minnesota</td>
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<td>9:30 a.m.</td>
<td>Polymer-coated urea in Minnesota</td>
<td>Fabian Fernandez, University of Minnesota</td>
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<tr>
<td>10:10 a.m.</td>
<td>Conducting research in your own farm</td>
<td>Gabriel Paiao, Vayda</td>
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<td>10:50 a.m.</td>
<td>Break</td>
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<tr>
<td>11 a.m.</td>
<td>Nitrogen fertilizer decisions based on climate data</td>
<td>Brad Carlson, University of Minnesota</td>
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<tr>
<td>11:40 a.m.</td>
<td>Weather outlook for the 2023 season</td>
<td>Dennis Tody, USDA-ARS</td>
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<td>12:20 p.m.</td>
<td>Lunch</td>
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<tr>
<td>1 p.m.</td>
<td>Economics of fertilizers</td>
<td>Bryon Parman, North Dakota State University</td>
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<tr>
<td>1:40 p.m.</td>
<td>Nitrogen management in the context of soil health</td>
<td>Marshall McDaniel, Iowa State University</td>
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<tr>
<td>2:20 p.m.</td>
<td>Update on the Groundwater Protection Rule</td>
<td>Margaret Wagner, Minnesota Department of Agriculture</td>
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<tr>
<td>3 p.m.</td>
<td>Mitigating nitrate losses with woodchip bioreactor</td>
<td>Gary Feyereisen, USDA-ARS</td>
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<tr>
<td>3:40 p.m.</td>
<td>Adjourn</td>
<td></td>
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**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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