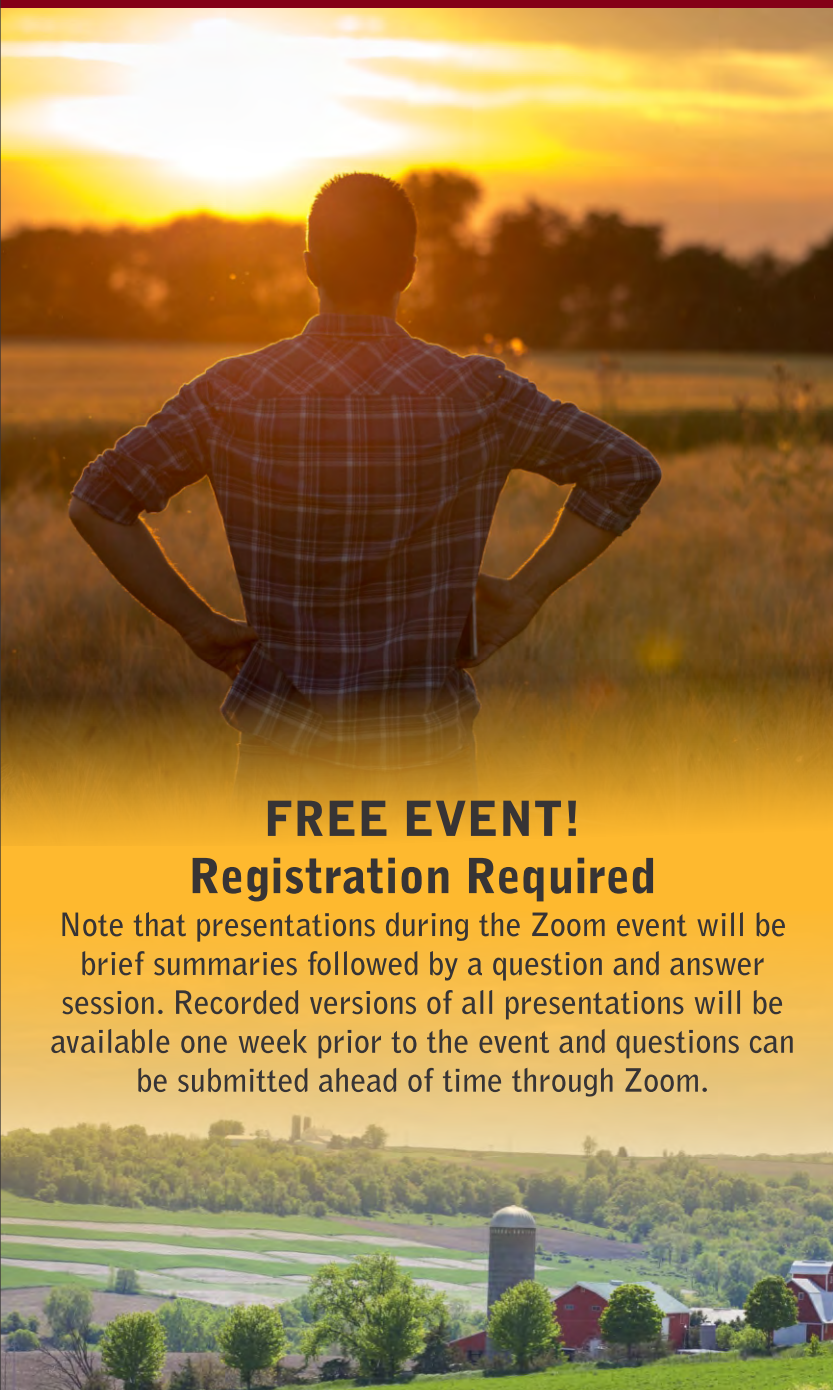


# 7th Annual **NITROGEN:** Minnesota's Grand Challenge & Compelling Opportunity Conference

## FREE VIRTUAL ZOOM EVENT

**Tuesday, February 9, 2021**



**FREE EVENT!**

**Registration Required**

Note that presentations during the Zoom event will be brief summaries followed by a question and answer session. Recorded versions of all presentations will be available one week prior to the event and questions can be submitted ahead of time through Zoom.

Thank you to all of our Supporters!



**[z.umn.edu/Ncon2021](https://z.umn.edu/Ncon2021)**

 UNIVERSITY OF MINNESOTA | EXTENSION

# 7th Annual **NITROGEN:** Minnesota's Grand Challenge & Compelling Opportunity Conference

**Sessions 8:00 a.m.-Noon**

8:00 a.m. Virtual coffee hour, sign on, test connection

8:20 a.m. Welcome and quick description of the day

## ■ Agronomics with a Focus on Water Quality

8:30 a.m. *ESN Use in Poorly Drained Soils*  
Kelly Nelson University of Missouri

8:40 a.m. *Alternative Management Tools for Groundwater Protection.*  
Jeppe Kjaersgaard Minnesota Department of Agriculture

8:50 a.m. *N Fertilization in Southeast Minnesota*  
Jeff Vetsch University of Minnesota

9:00 a.m. Q and A on Preceding Group of Three Sessions

## ■ Ways to Mitigate Nitrogen Loss

9:15 a.m. *Bioreactors, Wetlands and Other N Mitigation Practices*  
Jeff Strock University of Minnesota

9:25 a.m. *Cover Crops to Mitigate Nitrogen Losses to the Environment*  
Axel Garcia y Garcia University of Minnesota

9:35 a.m. *N Management and Crop Yields Relative to Tillage and Tiling*  
Gabriel Paiao University of Minnesota

9:45 a.m. *Proximal and Remote Sensing-based Precision Nitrogen Management*  
Yuxin Miao University of Minnesota

9:55 a.m. Q and A on Preceding Group of Four Sessions

## ■ Nitrogen Management

10:15 a.m. *N Management in Irrigated Sands with Cover Crops*  
Fabian Fernandez University of Minnesota

10:25 a.m. *Integrated Irrigation and Nitrogen Management for Crop Production*  
Vivek Sharma University of Florida

10:35 a.m. *N Credits Following Sweet Corn and Cover Crop Influences*  
Carl Rosen University of Minnesota

10:45 a.m. Q and A on Preceding Group of Three Sessions

## ■ Nitrogen Cycling

11:00 a.m. *Atmospheric N Deposition*  
Paulo Pagliari University of Minnesota

11:10 a.m. *Ammonium Fixation in Soils and N Rates*  
Dave Franzen North Dakota State University

11:20 a.m. *Impacts of N Fertilizers on N Mineralization*  
Hanna Poffenbarger University of Kentucky

11:30 a.m. *Corn N Use from Soil vs Fertilizer in Minnesota*  
Jared Spackman University of Idaho

11:40 a.m. Q and A on Preceding Group of Four Sessions

Noon Adjourn

## FOR MORE INFORMATION:

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Or visit:  
[www.mawrc.org/events](http://www.mawrc.org/events)



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