REGISTRATION 8:15 a.m. Registration: \$20 Register at Door or Online:

www.eventbrite.com/e/nitrogen-minnesotas-grand-challenge-and-compelling-opportunity-conference-tickets-52612472321

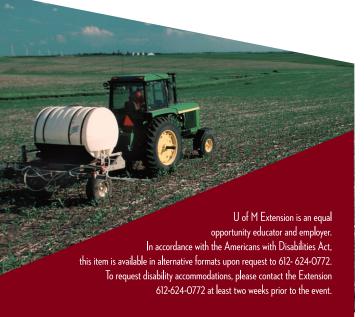
CEUs in Nutrient Management and Soil and Water will be available for Certified Crop Advisors

MORE INFORMATION

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

Jeremy Geske jeremy@mawrc.org 612-756-1200

For information visit: www.mawrc.org/events





5th Annual **NITROGEN: MINNESOTA'S GRAND CHALLENGE & COMPELLING OPPORTUNITY CONFERENCE** Tuesday, February 5, 2019 Verizon Wireless Center, Mankato, MN University of Minnesota | extension

5TH ANNUAL

NITROGEN: MINNESOTA'S GRAND CHALLENGE & COMPELLING OPPORTUNITY CONFERENCE

Sessions 9:05 a.m.-3:40 p.m.

GENERAL SESSION

8:15 a.m. Registration 9:00 a.m. Welcome Tom Rothman University of Minnesota Lessons Learned in 2018, Opportunities for 2019 **Brad Carlson** University of Minnesota Extension Dave Nicolai University of Minnesota Extension **Brandon Fast** Minnesota Corn Research & Promotion Council An Industry Perspective on Nitrogen: Beginning with 4R Nutrient Stewardship International Plant Nutrition Institute Dr. Tai Maaz 10:50 a.m. *Break* 11:05 a.m. NUE and Potential Environmental Outcomes Associated with N Application Timing Dr. Carrie Laboski University of Wisconsin-Madison 12:00 Lunch **■ BREAKOUT SESSION #1**

Managing Corn for High Yield and Environmental Stewardship While Controlling Costs 1:00 p.m. Dr. Jeff Coulter University of Minnesota N loss from Midwest cropping systems: What can we do about it? 1:55 p.m. Dr. Dan Jaynes USDA ARS, Ames, IA Urea Fertilizer Do's and Don'ts 2:50 p.m. Dr. Fabián Fernández University of Minnesota **■ BREAKOUT SESSION #2**

Improving Nitrogen Mineralization Predictions 1:00 p.m. Dr. Jason Clark South Dakota State University Soil Health and Implications for Nitrogen Management 1:55p.m. Dr. Anna Cates University of Minnesota 2:50 p.m. Nitrogen Management with Manure Dr. Melissa Wilson University of Minnesota 3:40 p.m. *Adjourn*

Thank you to all of our Supporters!

DEPARTMENT OF AGRICULTURE



Minnesota's Agricultural Fertilizer Research & Education Council























KOCH AGRONOMIC SERVICES. LLC



