



UNIVERSITY OF MINNESOTA

Southern Research and Outreach Center and U of M Extension Present

College of Food, Agricultural &
Natural Resource Sciences

Winter Crops Day Thursday, January 11, 2024

35838 120th Street, Waseca, MN



*Includes:
Handout materials,
refreshments,
and lunch*

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FREE to attend
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This is an educational event open to the public and held at the Southern Research and Outreach Center, Waseca. Receive emails for upcoming events of the Southern Research and Outreach Center Email your address to: nelso191@umn.edu





Southern Research & Outreach Center
 University of Minnesota
 35838 120th Street
 Waseca, MN 56093

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~ 8:30 REGISTRATION ~

- 9:00 Nitrogen Rates for Corn in Southern MN – Jeff Vetsch, SROC Nutrient Management Researcher:**
 Corn yields across Minnesota are changing rapidly as new genetics result in higher yields each year. Jeff is involved in many trials across the state to examine whether new higher yielding genetics require more or less nitrogen fertilizer. Results of these studies will be discussed.
- 9:50 Manure Research Update - Soil Testing Predictions and Sugarbeets – Melissa Wilson, UM Manure Nutrient Management Specialist:** Animal agriculture is important to all of Minnesota. Corn and soybean growers need to know the potential benefits of manure in a cropping system. Dr. Wilson with the Department of Soil, Water and Climate has research trials across Minnesota utilizing many sources of manure and will discuss how important manure is as a fertilizer for crop production.
- 10:40 Effects of Sulfur Source and Timing – Dan Kaiser, UM Extension Nutrient Management Specialist:** Sulfur has become critical in corn production for much of Minnesota. Choosing a source of sulfur fertilizer can be complicated. Dr. Kaiser will discuss several sources of sulfur and how each can become available as a fertilizer for crops important to Minnesota.

~ 11:30 LUNCH ~

- 12:30 U of M Soybean Management Research – Anibal Cerrundo, Visiting Scientist:**
 Anibal Cerrundo from Argentina has been researching soybean production in Minnesota along side Extension agronomist Seth Naeve. They have been researching the critical period for yield determination in soybeans. Dr. Anibal will discuss the influence that planting date or relative maturity in soybeans has on this critical yield determination period.
- 1:20 Mid-Season Application of Nitrogen and Sulfur for Corn Production – Jeff Coulter, UM Extension Corn Agronomist Extension Agronomist:** Dr. Jeff Coulter will discuss potential fertilizer use efficiency by examining in-season applications of both nitrogen and sulfur fertilizers.
- 2:10 Weed Management in Corn and Soybean – Tom Hoverstad, SROC Agronomy Researcher:** New products and strategies for weed control are available to Minnesota corn and soybean growers each year. The University of Minnesota has trials across Minnesota designed to test these products on weeds common on Minnesota farms. Tom will summarize results of this work over the last several years.



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