

Workshop Planning Committee

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Brady Goettl	NDSU Extension Fargo, ND
Chris Johnson	Centrol Crop Consulting Horace, ND
Tom Jones	Crop Consultant Wyndmere, ND
Lindsey Lysne	Liberty Ag Minnewaukan, ND
Linda Schuster	NDSU Carrington REC Carrington, ND

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Advanced Crop Advisers Workshop

Feb. 11-12, 2025

**Holiday Inn
I-29 and 13th Avenue South
Fargo, ND**

Sponsored by

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UNIVERSITY OF MINNESOTA
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Audience

This is an advanced workshop for agricultural professionals, including crop consultants, agronomists, Extension agents and agribusiness representatives, who advise farmers with recommendations on crop production.

Agenda

Tuesday, Feb. 11

- 9 a.m. Registration (Atrium) and refreshments (Royale)
- 9 a.m. Pest Identification Quiz begins (Royale) *all day*
- 10 a.m. General Session: Introduction (Royale)
- 10:10 a.m. General Session:
Wheat and Corn Diseases: Familiar Foes and Emerging Threats (Royale)
Andrew Friskop
HRSW diseases were challenging and tar spot was discovered in ND corn in 2024. This session will provide practical solutions for improving wheat disease management and discuss how tar spot will impact corn production in ND and MN. (1.5 CEU-PM)
- 11:30 a.m. **Lunch** (Royale)
- 12:15 p.m. General Session:
How to Keep the Farm (Royale)
Jason Fewell
Ag finances are getting tougher as capital has eroded over the past two years. How do top farmers keep their farms profitable despite current market prices? (1.0 CEU-CM)
- Participants will be able to attend two of five concurrent sessions during the day. **Bolded sessions offered only once.**
- 1:30 p.m. **Concurrent Sessions:**
 - 1. Key Weeds in Wheat (Board)
 - 2. Bringing K Back (Executive)
 - 3. **Insect and Disease Thresholds** (Directors)
- 3 p.m. Break
- 3:30 p.m. **Concurrent Sessions:**
 - 1. Key Weeds in Wheat (Board)
 - 2. **Pesticide Pre-Mixtures** (Executive)
 - 3. **Soil Health Principles** (Directors)
- 5 p.m. **Adjourn**

Wednesday, Feb. 12

- 7:30 a.m. Breakfast (Royale) and registration (Atrium)
- 7:30 a.m. Pest Identification Quiz continues (Royale) *all day*
- 8 a.m. General Session:
2024: A Cornucopia of Soybean Diseases (Royale)
Wade Webster
Nearly every soybean disease could be found in this region in 2024 and some newer diseases have expanded their geography. This session will cover the key soybean disease issues observed in 2024 and how best to manage them. (1.0 CEU-PM)
- Participants will be able to attend two of five concurrent sessions during the day. **Bolded sessions offered only once.**
- 9:15 a.m. **Concurrent Sessions:**
 - 1. Bringing K Back (Executive)
 - 2. Dry Bean Future (Board)
 - 3. **Carbon Programs** (Directors)
- 11 a.m. **Concurrent Sessions:**
 - 1. **Canola Production** (Executive)
 - 2. Dry Bean Future (Board)
 - 3. **Drone Applications** (Directors)
- 12:30 p.m. **Lunch** (Royale)
- 1:30 p.m. Review Pest Identification Specimens and Announce Awards (Royale) (0.5 CEU-PM)
- 2 p.m. **Workshop Ends**

Concurrent Sessions

Tuesday, Feb. 11

Managing Key Weeds in Wheat (Board)

Joe Ikley, Brian Jenks, Tom Peters

Learn strategies to control grass weeds and key broadleaf weeds in HRSW while allowing sugarbeet and other crops in the rotation. (1.5 CEU-PM) *This session offered twice on Tuesday.*

Bringing K Back to the Conversation (Executive)

Brady Goettl

Late-season potassium deficiencies showed up in the 2024 soybean crop and soil test potassium levels are at all-time lows. Refocus your efforts on potassium fertility. (1.5 CEU-NM) *This session also available on Wednesday.*

Insect and Disease Economic Thresholds and Decision Tools (Directors)

Anitha Chirumamilla, Andrew Friskop, Janet Knodel, Bob Koch, Sam Markell

Insecticides and fungicides are often applied unnecessarily. Speakers will address the importance of insect and disease thresholds and the tools available for making pesticide application decisions. (1.5 CEU-PM)

The Good, the Bad, and the Ugly of Pesticide Pre-Mixtures (Executive)

Bob Koch, Jeff Stachler

Many pesticides are sold as pre-mixtures which are convenient from a packaging standpoint and helpful with compatibility. However, the active ingredient concentrations are not always what is needed to control pests. This presentation breaks down these factors and provides key active ingredient rates for certain pests. (1.5 CEU-PM)

On-Farm Applications of Soil Health Principles (Directors)

Chandler Gruener, Naeem Kalwar

Meet new additions to the NDSU Soil Health team, discuss the team's goals, and build upon key soil health principles and practices. (1.5 CEU-SW)

For more information, contact Linda Schuster: Phone 701-652-2951 Email: linda.schuster@ndsu.edu

Wednesday, Feb. 12

Bringing K Back to the Conversation (Executive)

Brady Goettl

Late-season potassium deficiencies showed up in the 2024 soybean crop and soil test potassium levels are at all-time lows. Refocus your efforts on potassium fertility. (1.5 CEU-NM) *This session also available on Tuesday.*

How Bright is the Future of Dry Bean Production in North Dakota and Minnesota? (Board)

Greg Endres, Joe Ikley, Sam Markell, Michael Wunsch

As more farmers look for more profitable crops to grow, this session discusses strategies necessary to grow dry beans in our region, with an emphasis on weed and disease management. (1.5 CEU-CM) *This session offered twice on Wednesday.*

Navigating Carbon Programs When Not All Carbon is Created Equally (Directors)

Kirsten Butcher, David Ripplinger

The menu of carbon programs continues to expand. This session covers latest trends and whether enrollment is a hassle or benefit to farmers. (1.5 CEU-SW)

Beginning and Advanced Canola Production (Executive)

Anitha Chirumamilla, Jason Hanson

Looking to add canola to your cropping system? Learn about changing pest issues and strategies for successful canola production from long-term canola farmers. (1.5 CEU-CM)

Pesticide Applications the Drone Way (Directors)

Devin Nohl, Rob Proulx

Drone pesticide applications are increasing, but are we ready for this? This session will discuss the pros, cons, and disasters of using drones for pesticide applications and how to properly operate a drone to maximize pest control. (1.5 CEU-CM)

Preregistration

Preregistration (including fee payment) is required by Feb. 6. The workshop fee is \$200 per person (\$150 for one-day attendance). The workshop is limited to 150 people. Walk-in registrations will be accepted with a fee of \$250.

CEUs

Certified crop advisers will have the opportunity to receive 10.0 continuing education units (CEUs) by attending both days of the workshop. CCA CEUs are available in the following categories:

- CM = Crop Management
- NM = Nutrient Management
- PM = Pest Management
- SW = Soil and Water Management

Hotel

The Holiday Inn is offering discounted room rates for workshop participants. If making a room reservation, identify yourself as an Advanced Crop Advisers Workshop participant. Holiday Inn: 877-282-2700 or 701-282-2700 www.fargohi.com

Workshop Instructors

Kirsten Butcher	NDSU, Fargo, ND
Anitha Chirumamilla	NDSU, Langdon, ND
Greg Endres	NDSU, Carrington, ND
Jason Fewell	ND Farm Management Education, Carrington, ND
Andrew Friskop	NDSU, Fargo, ND
Brady Goettl	NDSU, Fargo, ND
Chandler Gruener	NDSU, Fargo, ND
Jason Hanson	Rock and Roll Agronomy, Webster, ND
Joe Ikley	NDSU, Fargo, ND
Brian Jenks	NDSU, Minot, ND
Naeem Kalwar	NDSU, Langdon, ND
Janet Knodel	NDSU, Fargo, ND
Robert Koch	UMN, St. Paul, MN
Sam Markell	NDSU, Fargo, ND
Devin Nohl	Tenacity Ag, Hancock, MN
Tom Peters	NDSU, Fargo, ND
Rob Proulx	NDSU, Fargo, ND
David Ripplinger	NDSU, Fargo, ND
Jeff Stachler	NDSU, Carrington, ND
Richard (Wade) Webster	NDSU, Fargo, ND
Michael Wunsch	NDSU, Carrington, ND

Preregistration Form

Advanced Crop Advisers Workshop

Electronic registration and credit card payment can be submitted at

www.tinyurl.com/payCREC

or

<https://agext-northdakotastate-ndus.nbsstore.net/carrington-research-extension-center>



(Please print or type)

Name(s) _____

Organization _____

Address _____

City _____

State _____ ZIP _____

Phone _____

Email _____

Fee: \$200 per person required by Feb. 6. Fee for one-day attendance is \$150. If one day, indicate day of attendance: Feb. 11 or Feb. 12

Please make check payable to: Advanced Crop Advisers Workshop

Return form and fee to: Advanced Crop Advisers Workshop
c/o Linda Schuster
Carrington Research Extension Center
PO Box 219
Carrington, ND 58421

Requests for accommodations related to disability should be made to Linda Schuster at 701-652-2951 by Jan. 6, 2025.