Advanced Crop Advisers Workshop

Feb. 12-13, 2019

Holiday Inn
I-29 and 13th Ave. S., Fargo

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

Agenda
Tuesday, Feb. 12
Morning –
9 Registration (Atrium) and refreshments (Royale)
“40 Chances” provided by Buffett Foundation
9:45 General Session: Introduction (Royale)
10 General Session: Cash Flow Challenges: 2019 Outlook for Farm Profitability (Royale)
Josh Tjosaas and Randy Zimmerman
This session will review 2018 farm profitability, 2019 projected cash flows and the breakeven for area crops. It also includes a summary of the 2019 crop price outlook and grain marketing strategies.
(1 continuing education unit [CEU] – crop management)
11 Concurrent Sessions: 1) CSI, 2) Acid soils and 3) Corn disease
(Participants will be able to attend three of five concurrent sessions during the day.)
Afternoon –
12:30 Lunch and recognition of the North Dakota Certified Crop Adviser of the Year (Royale)
1:15 Concurrent Sessions: 1) Herbicide layers, 2) Alternative crops and 3) Cover crops
(Participants will be able to attend three of four concurrent sessions during the day.)
10:30 Break
11 Concurrent Sessions: 1) Soybean environment, 2) Alternative crops and 3) Cover crops
3 Workshop ends

Wednesday, Feb. 13
Morning –
8 Breakfast (Royale) and registration (Atrium)
8:15 General Session: Weather: 2018 Harvest, 2019 Forecast and Utilizing NDAWN (Royale)
Daryl Ritchison
This discussion will examine weather details that challenged the fall 2018 harvest. It also will include the forecast for 2019 and information on utilizing NDAWN data for crop management.
(0.5 CEU – crop management)
10:30 Break
11 Concurrent Sessions: 1) Herbicide layers, 2) Alternative crops and 3) Soybean environment
Afternoon –
12:30 Lunch (Royale)
1:15 Concurrent Sessions: 1) Data, 2) Conservation till fertility and 3) Acid soils
Workshop ends

CEUs
Certified crop advisers will have the opportunity to receive 10.5 continuing education units by attending both days of the workshop.

Hotel
The following hotel is offering discounted room rates for workshop participants. If making a room reservation, identify yourself as an Advanced Crop Adviser Workshop participant.

Holiday Inn: 877-282-2700 or 701-282-2700
www.fargohi.com
Tuesday, Feb. 12

- CSI: Crop Detective (Executive and Board Rooms)
  John Breker, Jason Hanson and David Willis
  This discussion will help take the mystery out of field investigations.
  (0.5 CEU – crop management; 0.5 CEU – nutrient management; 0.5 CEU – pest management)

- Taking the Burn Out of Acid Soils (Directors Room - morning; Conference Room – late afternoon)
  Jason Clark, Dave Franzen and Tom DeSutter
  This session will include soil chemistry related to soil pH, the use of sugar beet lime and other lime sources, the impact of lime on soils that are incorporated or not, the problem of pH stratification in continuous no-till soils, and different methods for determining lime requirement for acid soil correction.
  (0.5 CEU – crop management; 1.0 CEU – soil and water management)

- Management of New and Re-emerging Corn Diseases (Conference Room)
  Damon Smith
  From bacterial leaf streak to tar spot, new diseases were found recently in Midwest corn fields. In addition, we have seen a re-emergence of diseases such as ear mold and stalk rot. This session will detail research to learn how these new and re-emerging diseases may impact corn yield potential and how best to manage them.
  (0.5 CEUs – pest management)

- Soil Fertility in Strip and No-till Systems (Directors Room)
  Dave Franzen and Fabian Fernandez
  When consultants and farmers are used to throwing on fertilizer and working it in, the transition to no-till or strip-till includes considering fertilizer management as part of the system. This session will provide some alternative methods for successful production in reduced-till systems.
  (0.5 CEUs – nutrient management)

- What is Data? What is Good Data? (Executive and Board Rooms)
  Paul Breker and Kelly Sharpe
  This session is about how to utilize raw data, what happens to data in the cloud, and the process for producing good-quality data.
  (0.5 CEU – crop management)

Wednesday, Feb. 13

- Environmental Impacts on Soybean Production (Executive and Board Rooms - early morning; Directors Room – afternoon)
  Seth Naeve
  How does our challenging environment play a role on overall soybean development and yield? What management, if any, can we do to minimize these negative effects of our region?
  (0.5 CEUs – crop management)

- Cover Crops: Challenges With Integration in Row Crops (Directors Room)
  Dave Franzen, Allen Peterson and Joel Ransom
  NDSU research will be shared on the use of cover crops as companions in corn and soybean production, plus N management consequences with cover crops.
  (0.5 CEU – crop management; 0.5 CEU – nutrient management)

- Growing Something Besides Corn and Soybean: Production Issues With Alternative Crops (Conference Room)
  Shana Forster and Michael Wunsch
  Agroecological and disease management challenges and solutions in the production of pulses and alternative oilseeds will be discussed.
  (0.5 CEU – crop management; 0.5 CEU – pest management)

- Layers for Licking Weeds (Executive and Board Rooms)
  Jeff Gusman, Joe Iley and Tom Peters
  Regional Extension weed specialists will lead a discussion on integrated weed management, emphasizing herbicide plus cultural and mechanical layers, to manage prominent herbicide-resistant weeds across crop sequences.
  (0.5 CEUs – pest resistant management)

Workshop Instructors

John Breker  Agriwise, Northwood, N.D.
Paul Breker  Precision Consulting Services, Carver, Minn.
Jase Clark  South Dakota State University, Brookings
Tom DeSutter  NDSU, Fargo
Fabian Fernandez  University of Minnesota, St. Paul
Shana Forster  NDSU, Minot, N.D.
Dave Franzen  NDSU, Fargo
Jeff Gusman  University of Minnesota, St. Paul
Jason Hanson  Rock and Roll Agromony, Webster, N.D.
Joe Iley  NDSU, Fargo
Seth Naeve  University of Minnesota, St. Paul
Tom Peters  NDSU, Fargo, and University of Minnesota
Alan Peterson  NDSU, Fargo
Joel Ransom  NDSU, Fargo
Daryl Ritchison  NDSU, Fargo
Kelly Sharpe  GK Technology, Halstad, Minn.
Damon Smith  University of Wisconsin, Madison
Josh Tjepke  Northland Community & Technical College, Moorhead
David Willis  Agassiz Crop Management, Thief River Falls, Minn.
Michael Wunsch  Agassiz Crop Management, Thief River Falls, Minn.
Randy Zimmerman  West Central Ag Services, Ulen, Minn.

Workshop Planning Committee
Greg Endres  701-652-2951
Phillip Glogaza  NDSU, Carrington, N.D.
Angie Peltier  218-281-8692
Jerry Aamson  Bell Bank, Moorhead, Minn.
Darren Dhamm  Central, Minn.
Dave Franzen  NDSU, Fargo
Robbie Hulthen  Syngenta, Fargo, N.D.
Chris Johnson  Syngenta, Fargo, N.D.
Brian Kuehl  West Central, Fargo, N.D.
Sarah Lovas  Lovas Consulting, Hillister, N.D.
Randy Nelson  University of Minnesota, Moorhead
Adam Spelhaug  Peterson Farm Seed, Harvard, N.D.
Evan Tvedt  Dakota Agro, McIntyre, Minn.
David Willis  Agassiz Crop Management, Thief River Falls, Minn.

Preregistration
Preregistration (including fee payment) is required by Feb. 4. The workshop fee is $140 per person ($75 for one-day attendance). The workshop is limited to 150 people. Preregistrations will be accepted on a first-come, first-served basis. The event has filled before the preregistration deadline in recent years. Walk-in registrations will not be accepted.

Fee: $140 per person required by Feb. 4.
Fee for one day attendance is $75.
If one day, please indicate day of attendance:
- Feb. 12 or Feb. 13

Please make check payable to:
Advanced Crop Advisers Workshop

Return form and fee to:
Advanced Crop Advisers Workshop

Phone: 701-652-2951 • Fax: 701-652-2055
Email: linda.schuster@ndsu.edu

Requests for accommodations related to disability should be made to Linda Schuster at (701) 652-2951 by Jan. 4, 2019.

For more information, contact Linda Schuster:
Phone: 701-652-2951 • Fax: 701-652-2055
Email: linda.schuster@ndsu.edu

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