



Wednesday, December 13, 2023

PLENARY SESSION

- 8:25 **Welcome**
- 8:30 **Setting the Stage for MAC 2023**
- 8:45 **My Personal Learnings in Ag Tech: The Good, the Bad and the Ugly**
Todd Ormann, Olds College of Agriculture and Technology
- 9:30 **Assessing and Weeding Out New Ag Technologies for Agronomists**
Dr. Brian Arnall, Oklahoma State University
- 10:15 **Coffee Break & Poster Session**
- 10:45 **Outfitting your Agronomists and Farmers with Useful Technologies**
Dale Cowan, AGRIS Co-operative Ltd.
- 11:10 **AI and Agronomy - Is the Cart Ahead of the Horse?**
Emile deMilliano (retired)
- 11:35 **Plenary Speaker Q & A**
- 12:00 **Lunch**

PEST MANAGEMENT SESSION

- 1:00 **Farmer Panel: Implementing New Technologies in the Field**
Moderator: Dennis Lange, Manitoba Agriculture
Fiona Jochum, Blue Diamond Farms
Reid Mazinke
Tyler Menold
- 1:45 **Kochia Warrants our Full Attention**
Dr. Brian Jenks, North Dakota State University
- 2:30 **Coffee Break & Poster Session**
- 3:00 **Improving the Management of Foliar and Root Diseases in Field Peas**
Dr. Michael Wunsch, North Dakota State University
- 3:30 **Do you 'Walk the Line?'**
Marcie Schultz, Pesticide Compliance Program, Health Canada
- 4:00 **The Diversity and Role of Native Bees in Field Crop Production**
Dr. Jason Gibbs, University of Manitoba
- 4:30 **Reception**

Thursday, December 14, 2023

CROP MANAGEMENT SESSION

- 8:30 **Multiple Herbicide-Resistant Waterhemp: The Ontario Experience**
Dr. Peter Sikkema, University of Guelph, Ridgetown Campus
- 9:15 **The Evolution of Soybean Production**
Horst Bohner, Ontario Ministry of Agriculture, Food and Rural Affairs
Dennis Lange, Manitoba Agriculture
- 10:00 **Coffee Break & Poster Session**
- 10:30 **Agronomic Management to Maximize Spring Wheat Yield and Protein while Minimizing Lodging Risk**
Dr. Amy Delaquis, Manitoba Canola Growers
- 11:00 **Crop Diversification: What Works and What Hasn't**
Scott Chalmers, Manitoba Agriculture
- 11:30 **Making Every Seed Count: Crop Management Effects on Canola Establishment**
Chris Holzapfel, Indian Head Agricultural Research Foundation
- 12:00 **Lunch**

SOIL MANAGEMENT SESSION

- 1:00 **Tuning Up Fertility with Fertilizer Rich and Omission Strips**
Dr. Brian Arnall, Oklahoma State University
- 1:30 **Nutrient Uptake and Removal in Prairie Crops**
John Heard (retired)
- 2:00 **What is a Plant Nutrient? Changing Definitions to Advance Science and Innovation in Plant Nutrition**
Dr. Patrick Brown, University of California-Davis
- 2:30 **Coffee Break & Poster Session**
- 3:00 **Fertilizer Management Challenges for Direct Seeding**
Lyle Cowell, Nutrien
- 3:45 **Soil Salinity Fixes: Quick or Patient**
Dr. Tom DeSutter, North Dakota State University
- 4:30 **Closing Comments**