**Morning Tour Options - 9:30 to 12:00 (attend one)**

### Crop Variety and Production Review
- **Dry Bean Variety Update** - Greg Endres
- **Soybean Variety Update/Research Projects/Cultivar Traits** - Mike Ostlie
- **Corn Production Current Status and Management/Research Projects** - Joel Ransom/Paulo Flores
- **Spring Wheat Variety Update** - Andrew Green/Blaine G. Schatz
- **Canola and Carinata Research Project Status** - Bryan Hanson/Mike Ostlie

### Livestock Production Review
- **Rye Forage for Cattle** - Chanda Engel
  - Results of Rye Silage Feedlot Trial
  - Swath Grazing German Millet after Rye Harvest
  - Double Cropping Rye with Barley for Forage
- **Corn Silage Sampling Project** - Carl Dahlen
- **Feed Additives for Enhancing Rumen Fermentation** - Uchenna Anele
- **Drylot Cow-Calf Production** - Chanda Engel
  - Drought Applications
- **Feed Mixing Demonstration to Determine Adequate Mixing Time** - Carl Dahlen/Tim Schroeder

### Organic Research and Education
- **Oat Production and Organic Research/Consumer Insights** - Tom Rabae
- **Oat Variety Development** - Mike McMullen
- **Oats for Forage** - Steve Zwinger
- **Chef’s Perspective of Local and Organic Grain Use** - Dan Barber
- **Organic Field Pea Variety Development** - Byron Lannoye

### Organic Oat Breeding
- Jennifer Mitchell Fetch

### Marketing Oats in Local Markets
- Noreen Thomas

### Future of Organic Production
- Fred Kirschenmann

### Cereal Grains for Local Craft Use
- Rich Horsley

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**Afternoon Tour Options - 1:30 to 3:30 (attend one)**

### Production Systems / Plant Nutrition / New Technology
- **Rye Cover Crop for Soybean and Dry Bean** - Mike Ostlie
- **Practical Applications for UAVs** - Paulo Flores
- **Soybean Weed Management Traits** - Greg Endres
- **Integrating Cover Crops and Beef** - Chanda Engel
- **Industrial Hemp** - Roger Gussiaas/Bryan Hanson
- **Sensor-based N for Wheat and Corn** - Szilvia Yuja
- **P Impact on Wheat Varieties** - Jasper Teboh

### Soil Health Workshop (Organic Systems)
- **Soil Health, Nutrition and Taste** - Dan Barber
- **Soil Health Insights** - Fred Kirschenmann
- **Garden Production Effects on Soil Health** - Theresa Podoll
- **Livestock** - Darrell Oswald
- **Weed Ecology** - Greta Gramig
- **Cover Crops** - Marisol Berti
- **NRCS** - Hal Weiser

**Appreciation is expressed to the U.S. Organic Grain Collaboration and General Mills for partial funding for this tour.**

### Pulse Crop Tour - Improving Pest Management
- **Management of Ascochyta Blight of Chickpeas** - Julie Pasche/Michael Wunsch
- **Disease Management Priorities and Research in Western ND** - Audrey Kalil
- **Management of Root Diseases in Peas and Lentils** - Julie Pasche/Michael Wunsch
- **Management of Foliar Diseases in Peas** - Michael Wunsch
- **Weed Management Update** - Brian Jenks
- **Identification and Management of Faba Bean Diseases** - Venkat Chapara
- **Insect Management Update** - TJ Prochaska
- **Management of Foliar Diseases in Lentils** - Michael Wunsch

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### Noon Meal provided by the following sponsors:

**Carrington Research Extension Center**
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