

# Minnesota Canola Council

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## 2019 OUTSTANDING SERVICE AWARD

The Minnesota Canola Council's 2019 Outstanding Service Award was presented to Jordan Varberg of BASF, Grand Forks, ND. The award recognizes and rewards significant contributions to the Minnesota canola industry. Jordan Varberg has been a Minnesota Canola Council ex officio board member since 2016 and has been a fixture in the canola industry for many years. Jordan is an active participant in Minnesota Canola Council coordinated meetings and events and is always eager and willing to devote his time and resources to help Minnesota canola farmers. His commitment to the canola industry is invaluable and enhances the work the Council does to support farmers across the state. Jordan has been and continues to be a valuable asset to the Minnesota Canola Council and in doing so has earned the Council's Outstanding Service Award.

Varberg joins past recipients: Rob Rynning (2018), Donn Vellekson, UM (2017), Nancy Ehlke, UM (2016), Brian Jenks, NDSU (2015), Dave Grafstrom, CPC Site Agronomist (2014), Senator Leroy Stumpf (2012), James Loewen, Bunge (2011), Rob Proulx, CPC Site Agronomist (2010), Derek Crompton, CPC Site Agronomist (2009), David Severson, MCC Board (2006), Cenex West Plant – Roseau (2005), Jim Johnson, Interstate Seed Co. (2004), Paul Porter, UM (2003), Dave LeGare, CPC Site Agronomist (2002), Art Lamey, NDSU (2001), Erv Oelke, UM (2000), Steve Dahl, MCC Board (1999), and Senator Leroy Stumpf (1998).

## 2020 CANOLA PRODUCTION CENTRE (CPC)

The 2020 Canola Production Centre (CPC) was located across from Northern Resources Co-op in Roseau, MN. Trials were spearheaded by Nancy Ehlke, Donn Vellekson, and Dave Grafstrom of the University of Minnesota and included:

- Variety and systems comparison
- Seed shattering
- Direct harvest vs. swathing
- Nitrogen fertility rate, source, and timing
- Fertility and direct harvest strategies in canola seeded in wide rows
- Evaluation of several soil applied herbicides to reduce potential development of herbicide (Roundup or Liberty) resistant weeds
- Micronutrient fertility management
- Strategies to improve nitrogen use efficiency in canola

All of the small plot canola trials were planted by May 30, with a base fertility program of 130-40-40-20.

## SCLEROTINIA RISK IN CANOLA FORECAST PROGRAM

*Sclerotinia Risk in Canola Forecast Program*, a useful tool in assessing sclerotinia risk, began June 16 and ran through July. The program was developed by the NDSU canola pathology program with support from the Sclerotinia Initiative, Northern Canola Growers Association, and Minnesota Canola Council. While the information is based on extensive research data, it is only intended to be a guide for farmers. The forecasting program has two components: 1) a general risk map; and 2) a risk calculator.

The general risk map uses weather information to estimate risk of disease development throughout the canola growing areas and is updated daily starting mid-June. The risk calculator combines cultural practice information and field history of sclerotinia with weather information from the nearest NDAWN station to estimate disease risk for a specific field.

*Risk maps were available at either mncanola.org or through the NDSU Canola Doctor app available for both Android and iPhones.*

## JOINT RESEARCH COMMITTEE

MCC and NCGA have a research advisory committee to determine the most productive allocation of available research dollars, including North Central Regional NCRP and Sclerotinia Initiative funds. The committee meets annually and includes farmers and industry representation. In addition, the committee includes university representatives from Minnesota, North Dakota, South Dakota, and Wisconsin.

## '19-'20 JOINT COMMITTEE

Eric Kukowski, MCC - Farmer  
Kevin Severson, MCC - Farmer  
Jordan Varberg, MCC - Industry  
Ryan Pederson, NCGA - Farmer  
Kyle Rollness, NCGA - Industry  
Dave Gehrtz, NCGA - Industry  
Brian Jenks, NCGA - University



## 2019-2020 SPONSORS

**DIAMOND: \$2,000+**

BASF

Bayer Crop Science

CHS - Hallock

**SILVER: \$1,000 - \$1,999**

AgCountry Farm Credit Services

Bunge Canada

Cargill, Inc.

DEKALB

Mycogen Seeds/Nexera Canola

Pioneer

Syngenta

**BRONZE: \$500 - \$999**

Cibus

Citizens State Bank

Hefty Seed - Roseau

Helena Agri Enterprises

Ziegler Ag Equipment

**ALLIED: \$250 - \$499**

American State Bank of Grygla

AURI

Border State Bank

BrettYoung

CROPLAN by WinField United

CHS Ag Services

Farmers Union Oil - Grygla

ICE Futures Canada

KQ92

Northern Ag

Northern Farmers Co-op Exchange

Northern Resources Cooperative

Nutrien Ag Solutions

Proseed

Roseau County Co-op Association

Star Specialty Seed

Titan Machinery-Roseau

True North Equipment

Weinlaeder Seed

Wilbur-Ellis

# MINNESOTA CANOLA COUNCIL

## MISSION STATEMENT

The Minnesota Canola Council is dedicated to the canola industry through leadership, research, and education, providing a competitive edge to Minnesota's producers and the canola industry.

### BOARD OF DIRECTORS

**Tony Brateng** - Chair (Roseau)  
**Robert Rynning** - Vice Chair (Kennedy)  
**Kevin Severson** - Sec./Treas. (Roseau)  
**Jade Estling** (Roosevelt)  
**Eric Kukowski** (Greenbush)  
**Jeff Mortenson** (Kennedy)  
**Steve Rodke** (Hawley)

### EX OFFICIO DIRECTORS

**Ray Albrecht** - Cargill, Inc.  
**Nolan Friesen** - Bunge Canada  
**Courtney Meduna** - Asgrow/DEKALB  
**Jordan Varberg** - BASF  
**Joe Zingrone** - CHS

### STAFF

**Beth Nelson** - President  
**Jon Dockter** - Associate Director  
**Katie Hammitt** - Office Manager  
**Fae Holin** - Communication Specialist  
**Sherry Liu** - IT Specialist  
**Chelsea Russell** - Communication Dir.

### 2019/2020 EXPENDITURES AND YEAR-END GAIN

Income		
Checkoff (6¢ per cwt)	\$63,802.00	
Interest; Grants; Donations; Misc.	97,782.00	\$161,584.00
Expenditures		
Research	88,521.00	
Regulatory; Legislative	14,820.00	
Promotion; Education; Public Relations	21,389.00	
Administrative/Board	16,621.00	-141,351.00
<b>Net Gain</b>		<b>\$ 20,233.00</b>
<b>2019/2020 Ending Fund Balance</b>		<b>\$125,364.00</b>

### 2020 NCRP PROJECT FUNDING

Researcher	Project	Funding
NDSU ( <i>Teboh</i> )	Optimizing Nitrogen and Sulfur Application Strategies to Improve Canola Production	\$26,057
NDSU ( <i>del Rio</i> )	Evaluation of the Reaction of <i>Brassica napus</i> Plant Introductions and Breeding Lines to Clubroot	\$72,121
NDSU ( <i>Chapara</i> )	Quantification of Resting Spore Population of Clubroot of Canola Pathogen from Soil and Survey and Outreach Activities of Clubroot in North Dakota	\$45,401
SDSU ( <i>Thandiwe</i> )	Canola a "New Crop" to Diversify Wheat-Based Cropping Systems in South Dakota	\$32,961
UM ( <i>Ehlke</i> )	Minnesota Canola Production Centre Research	\$62,807
NDSU ( <i>Rahman</i> )	Development of High Oil per Acre Conventional Canola Cultivar Using Classical & Molecular Approaches	\$55,880
	<b>Total</b>	<b>\$295,227</b>

### 2020 CANOLA-SPECIFIC SCLEROTINIA INITIATIVE RESEARCH FUNDING

Researcher	Project	Funding
SDSU ( <i>Marzano</i> )	Developing Ggemycircularvirus-based Pesticide for the Control of <i>Sclerotinia Sclerotiorum</i> (all crops)	\$45,185
USDA-ARS ( <i>Underwood</i> )	Role of WRKY Transcription Factors in Quantitative Resistance to <i>Sclerotinia Sclerotiorum</i> (canola, sunflower)	\$33,420
	<b>Total</b>	<b>\$78,605</b>

### MINNESOTA CANOLA FARMERS HEAR FROM INDUSTRY EXPERTS AT ANNUAL SYMPOSIUM

The Minnesota Canola Council's 2019 Canola Symposium was held December 10 at the Community Center in Roseau. Farmers, industry representatives, and university personnel enjoyed educational sessions, industry exhibits, a social hour, and "Funny Money Auction." Farmers also had the opportunity to win one of seven lots of 20 acres worth of canola seed provided by BASF, Cibus, Pioneer, and Star Specialty Seed.

Thanks presenters:

- **What Makes InVigor's POD Shatter Reduction Technology Different?** – Robert Haman, BASF
- **Beyond the Weeds: Blackleg, Straight Cut & Clubroot Solutions** – Ben Schroeder, DEKALB
- **Pioneering Our Way Back Into the US Canola Industry!** – Kristie Sundeen, Pioneer
- **Canola Market Update** – Jennifer Webster, CHS, Inc.
- **Cargill 2020 Non GM Canola Program** – Ray Albrecht, Cargill, Inc.
- **Miravis Neo – Power, Spectrum, Stamina** – Jason Snell, Syngenta
- **CPC Research Results in 2019** – Dave Grafstrom, UM
- **What's Feeding on My Canola? Insect Management** – Janet Knodel, NDSU
- **New Insights that Help Manage Canola Diseases** – Luis del Rio, NDSU
- **What's Happening in Canola Fields?** – Ron Beneda, CHS, Inc.
- **State of the Current Ag Environment & Its Financial Effects** – Steve Onstad, AgCountry Farm Credit Services

Visit [mncanola.org](http://mncanola.org) to view conference presentations.

