

Minnesota Canola Council

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IMPRESSIVE 27% INCREASE IN 2021 MINNESOTA CANOLA ACREAGE

USDA's National Ag Statistics Service (NASS) Crop Production Report, which tracks yield, acres, and production of various crops, estimated an encouraging 27% increase in Minnesota canola harvested acres from 2020 to 2021. While 2020 harvested acres came in at 48,000, 2021 acres grew to 61,000, the most in Minnesota since 2001. Yield per acre also showed an impressive increase going from 1,570 lbs/acre in 2020 to an average yield of 1,740 lbs/acre in 2021, an increase of 11%.

Nationally, however, yield fell by more than 42%, going from 1,931 lbs/ac in 2020 to just 1,119 lbs/ac in 2021. Minnesota, once again, led the nation in yield/acre by more than 12% over the next leading state (Oklahoma). Although the total US acreage saw a respectable increase of 18%, going from 1,787,800 acres in 2020 to 2,104,500 in 2021, the steep decline in yield resulted in an overall decline in total US production of 32% going from 3.4 billion pounds in 2020 to 2.3 billion pounds in 2021.

2021 CANOLA PRODUCTION CENTRE (CPC)

The 2021 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
- Pre-emergent, soil-applied herbicide evaluation to reduce development of herbicide resistance weeds
- Nitrogen source, timing, and method of application to improve NUE (nitrogen use efficiency) in both traditional and wide rows
- Micronutrient fertility management to enhance canola yield

All of the small plot canola trials were planted by May 13.

SCLEROTINIA RISK IN CANOLA FORECAST PROGRAM

Sclerotinia Risk in Canola Forecast Program, a useful tool in assessing sclerotinia risk, began June 19 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. The committee also includes university representatives from the North Central region.

'20-'21 JOINT COMMITTEE

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

2021 CANOLA-SPECIFIC SCLEROTINIA INITIATIVE RESEARCH FUNDING		
Researcher	Project	Funding
NDSU (<i>del Rio</i>)	Development of RNA Fungicides for Management of Sclerotinia sclerotiorum on Canola	\$84,124
NDSU (<i>del Rio</i>)	Improving Resistance to Sclerotinia sclerotiorum in Spring Canola	\$62,331
NDSU (<i>Rahman</i>)	Introgression and Pyramiding of Sclerotinia Stem Rot Disease Resistant Gene(s) into Canola Cultivars	\$25,803
Total		\$172,258

2020-2021 SPONSORS

DIAMOND: \$2,000+

- BASF
- Bayer Crop Science
- CHS - Hallock

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

- AgCountry Farm Credit Services
- Bunge Canada
- Cargill, Inc.
- CROPLAN by WinField United
- DEKALB
- Pioneer
- Syngenta

BRONZE: \$500 - \$999

- Brevant seeds
- Citizens State Bank
- Hefty Seed - Roseau
- Helena Agri Enterprises
- Northern Resources Cooperative
- Ziegler Ag Equipment

ALLIED: \$250 - \$499

- American State Bank of Grygla
- AURI
- Border Bank
- BrettYoung
- CHS Ag Services
- Farmers Union Oil - Grygla
- ICE Futures U.S.
- KQ92
- Northern Ag
- Northern Farmers Co-op Exchange
- Nuseed
- Nutrien Ag Solutions
- Proseed
- Roseau County Co-op Association
- Titan Machinery-Roseau
- True North Equipment
- Weinlaeder Seed

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

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Sherry Liu - IT Specialist
Chelsea Russell - Communication Dir.

2020/2021 EXPENDITURES AND YEAR-END GAIN

Income

Checkoff (6¢ per cwt)	\$49,855.00	
Interest; Grants; Donations; Misc.	<u>98,152.00</u>	\$148,007.00

Expenditures

Research	63,802.00	
Regulatory; Legislative	14,070.00	
Promotion; Education; Public Relations	20,651.00	
Administrative/Board	<u>17,268.00</u>	-115,791.00

Net Gain

\$ 32,216.00

2020/2021 Ending Fund Balance

\$157,580.00

CANOLA ELIGIBLE FOR CFAP 2

Thanks to U.S. Canola Association, Minnesota Canola Council, and other state associations, canola farmers were eligible for USDA's Coronavirus Food Assistance Program 2 (CFAP 2), the program designed to provide assistance to farmers suffering financial losses due to ongoing market disruptions and associated marketing costs related to the COVID-19 pandemic. Under CFAP 2, canola was designated as a "Flat-rate crop." Flat-rate crops included crops that either did not meet the 5% price decline trigger or did not have data available to calculate a price change. Flat-rate crops were eligible for a payment of \$15/acre for all acres certified to that commodity for 2020.

MN CANOLA SYMPOSIUM WENT VIRTUAL

The Council held its Symposium online on December 3. More than 90 farmers, industry representatives, and university personnel enjoyed a diverse lineup of educational sessions, interacted with presenters in virtual "Breakout rooms," and had the opportunity to win valuable prizes – *thanks sponsors!* The educational sessions can be viewed online by

clicking Annual Winter Meetings under the Events tab at mncanola.org. Thanks to the following canola speakers!

- **Canola Market Update** – Alex Busch, CHS, Inc.
- **The Power of Miravis Neo** – Jason Snell, Syngenta
- **CROPLAN Canola Brand and a Bright Future** – Mark Torno, CROPLAN by WinField United
- **DEKALB Portfolio & New Innovation in Canola Seed Treatment** – Courtney Meduna, DEKALB
- **Pioneer – Diverse Platforms & Focus on Protector Traits** – Kristie Sundeen, Pioneer
- **InVigor Pod Shatter Reduction Technology Update** – Jordan Varberg, BASF
- **CPC Research Results in 2020** – Dave Grafstrom, University of Minnesota
- **Expanding Winter Canola into New Territories** – Mick Miller, CROPLAN by WinField United
- **COVID, China & Confusion: 2020/21 Crop Market Outlook** – Frayne Olson, North Dakota State University
- **Nitrogen & Sulfur Application Rates & Timing Impact on Canola** – Jasper Teboh, North Dakota State University
- **The Election & Its Influence on Ag Policy** – Howard Olson, AgCountry Farm Credit Services
- **From Oilseed to "Proteinseed": Canola's Multipurpose Future** – Jeff Casper, Merit Functional Foods

MINNESOTA CANOLA COUNCIL HOLDS CPC FIELD DAY, GOLF SCRAMBLE

The Council's 24th annual Canola Production Centre (CPC) Field Day and Canola Hacker's golf scramble were July 14 in Roseau. Research plots were located across from Northern Resources Cooperative and provided farmers a look at plant growth and development and how trials progressed despite the dryer than average environment. Participants heard from CPC Project Manager Donn Vellekson and Site Agronomist Dave Grafstrom on trials including: variety and systems comparison; seed shattering; pre-emergent, soil-applied herbicide evaluation to reduce development of herbicide resistance weeds; nitrogen source, timing, and method of application to improve NUE (nitrogen use efficiency) in traditional and wide rows; and micronutrient fertility management.

Lunch and the 18th Annual Canola Hackers Golf Scramble followed the field tour with 96 golfers representing 24 teams. Taking home the first place prize of \$200 was Hagen Farms, and second place prize of \$80 went to South 89 Seed. Additional prizes were awarded for the longest drive, longest putt, closest to the pin, the longest "oven mitt" drive, and the blindfold putt. The afternoon ended at the clubhouse with refreshments, socializing, awards ceremony, and dinner.



2021 Canola Hackers 1st Place: (L to R) Rick Jensen, Will Czeh, Steve Czeh (Not pictured: Lee Sorenson).



2021 Canola Hackers 2nd Place: (L to R) Tony Brateng, Steve Dahl, Matt Millner (Not pictured: Jordan Anderson).