

Minnesota Canola Council

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CANOLA ACREAGE IN MINNESOTA SHOWS 13% INCREASE

USDA's National Ag Statistics Service (NASS) Crop Production Report, which tracks yield, acres, and production of various crops, estimated a continuing increase of 13% in canola harvested acres in Minnesota for 2023. While 2022 harvested acres came in at 69,000, 2023 acres grew to 78,000, the most in Minnesota since 2000. Yield per acre also impressively increased going from 2,410 lbs/ac in 2022 to an average yield of 2,500 lbs/ac in 2023, a 3.7% increase. Nationally, yield fell slightly showing a year-over-year decline of just over 1%, going from 1,762 lbs/ac in 2022 to 1,741 lbs/ac in 2023. Harvested canola acreage in the U.S. was up 6% from the year before going from 2,168,000 acres in 2022 to 2,301,500 in 2023. Even though overall U.S. canola yield fell, the increase in national acreage pushed total U.S. canola production up 4.8% going from 3.8 billion pounds in 2022 to 4 billion pounds in 2023.

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.

'22-'23 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

2023 CANOLA PRODUCTION CENTRE (CPC)

The 2023 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 five different trials, all planted by May 24 (*see CPC Field Day article on back*).

2023 NCRP PROJECT PROPOSAL						
Researcher	Project	2023	2024	2025	2026	Total
NDSU (del Rio)	Identification and Characterization of New Sources of Resistance Against Clubroot and Transfer of Clubroot Resistance into Modern Canola Lines	\$68,421	\$65,977	\$78,884	\$78,720	\$292,002
NDSU (Johnson)	Evaluation of Planting Dates and Variety Effects on Canola Production in North Dakota	\$56,034	\$57,463	\$57,463	\$57,463	\$228,423
NDSU (Chapara)	Survey, Quantification of Resting Spore Population of <i>Plasmodiophora</i> from Soil, Patch Management and Implementation of Awareness Program of Clubroot of Canola in North Dakota	\$63,950	\$63,321	\$48,751	\$47,179	\$223,201
UM (Ehlke)	Minnesota Canola Production Centre Research	\$61,589	\$63,219	\$64,901	\$66,630	\$256,339
Total		\$249,994	\$249,980	\$249,999	\$249,992	\$999,965

SCLEROTINIA RISK IN CANOLA FORECAST PROGRAM

Sclerotinia Risk in Canola Forecast Program 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. The information, based on extensive research data, is intended to be a guide for farmers. The program has two components: 1) a general risk map; and 2) a risk calculator. The map uses weather information to estimate disease development risk in canola growing areas and is updated daily starting mid-June. The 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.*

2023 CANOLA-SPECIFIC SCLEROTINIA INITIATIVE RESEARCH FUNDING		
Researcher	Project	Funding
NDSU (Rahman)	Introgression and Pyramiding of Sclerotinia Stem Rot Disease Resistant Gene(s) into Canola Cultivars	\$27,293
NDSU (del Rio)	Improving Resistance of Spring Canola to Sclerotinia Stem Rot	\$67,185
NDSU (del Rio)	Development of RNA Fungicides for Management of Sclerotinia Sclerotiorum on Canola	\$85,780
Total		\$180,258

2022-2023 SPONSORS

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Citizens State Bank
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ALLIED: \$250 - \$499

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CHS Ag Services
Farmers Union Oil - Grygla
Helena Agri Enterprises
ICE Futures U.S.
KQ92
Northern Ag
Northern Farmers Co-op Exchange
Northern Resources Cooperative
Nuseed
Nutrien Ag Solutions
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Roseau County Co-op Association
Titan Machinery-Roseau
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MINNESOTA CANOLA COUNCIL

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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.

2022/2023 EXPENDITURES AND YEAR-END GAIN

Income		
Checkoff (6¢ per cwt)	\$83,842.00	
Interest; Grants; Donations; Misc.	<u>52,128.00</u>	\$135,970.00
Expenditures		
Research	25,057.00	
Regulatory; Legislative	15,063.00	
Promotion; Education; Public Relations	24,467.00	
Administrative/Board	<u>17,285.00</u>	-81,872.00
Net Gain		<u>\$ 54,098.00</u>
2022/2023 Ending Fund Balance		\$216,912.00

CROP INSURANCE EXPANSION

The Council embarked on a project with USDA's Risk Management Agency (RMA) to expand canola crop insurance coverage to include the following Minnesota counties: Becker, Clay, Grant, Hubbard, Otter Tail, Stevens, Traverse, and Wilkin. In order to give a greater number of farmers the flexibility to incorporate canola into their crop rotation systems without the added burden of going through the written agreement process, they need the security which can only be provided by the expansion of the canola crop insurance program. The intent of the expansion is to encourage farmers in these counties to grow canola as an alternative to disease prone small grains. Having a risk management tool helps make canola a more viable option. Next fall a formal request will be submitted to RMA for consideration. All of the counties being asked for were included in the program previously.

INDUSTRY EXPERTS ON HAND FOR 2022 CANOLA SYMPOSIUM

The Council's 2022 Canola Symposium was December 7 in Roseau. More than 60 farmers, industry representatives, and university personnel enjoyed a diverse lineup of educational

sessions, while socializing and winning prizes – *thanks sponsors!* The educational sessions can be viewed online by clicking Annual Winter Meetings under the Events tab at mncanola.org:

- **Miravis Neo – Better Yield is the Better Deal** – Brandon Setterholm, Syngenta
- **2023 Bunge Specialty Canola** – Taryn Olfert, Bunge
- **DEKALB Canola in 2023** – Ryan Fisher, DEKALB
- **Pioneer Canola – What's Coming Next** – Marc Cartwright, Pioneer
- **2023 InVigor Update** – Sara Swenson, BASF
- **Canola Market Update** – Andy Smith, CHS
- **Understanding & Managing Sclerotinia Stem Rot of Canola** – Megan McCaghey, University of Minnesota
- **Are Renewable Fuels the Ticket?** – Randy Martinson, Martinson Ag Risk Management
- **CPC Research Results in 2022** – Dave Grafstrom, University of Minnesota
- **Herbicide Carryover & Resistance Issues in Canola** – Brian Jenks, North Dakota State University
- **Best Pest Management for Flea Beetles in Canola** – Janet Knodel, North Dakota State University
- **Economics of Swathing vs. Straight Cutting** – Dave Grafstrom, University of Minnesota

MINNESOTA CANOLA COUNCIL HOLDS CPC FIELD DAY, GOLF SCRAMBLE

The Council's 26th annual CPC Field Day and Canola Hacker's golf scramble were July 19 in Roseau. Research plots were located across from Northern Resources Co-op and provided an in-depth look at how canola plant growth was progressing and the research trials at the CPC. Participants heard from CPC Project Manager Donn Vellekson and Site Agronomist Dave Grafstrom on trials: variety and systems comparison; seed shattering; micronutrient fertility management in high yield canola; evaluation of soil applied herbicides followed by postemergence herbicides to reduce the potential development of herbicide resistant weeds; and evaluation of current and novel insecticide seed treatments.

Lunch and the 20th Annual Canola Hackers Golf Scramble followed the tour with 84 golfers. Taking home the 1st place prize was the Citizens State Bank team, and the 2nd place prize went to AgCountry Farm Credit Services – Team 1. Additional prizes were awarded for longest drive, longest putt, closest to the pin, 'wiffleball drive with a sponge bat,' and hockey stick putt.



2023 Canola Hackers 1st Place: (L to R) Jarod Strand, golf fan standing in for Kurt Weston, Scott Erickson, and Jason Smith.



2023 2nd Place: (L to R) Aaron Olafson, Ben Vatnsdal, and Conner Millner. (Not pictured: Joe Vatnsdal)