

Minnesota Canola Council

4630 Churchill St., #1, St. Paul, MN 55126
651.638.9883
mncanola@comcast.net • www.mncanola.org



COUNCIL RECEIVES \$64,000 RESEARCH GRANT

The Council was awarded over \$64,000 by the Minnesota Department of Agriculture's Crop Research Grant Program to study *Improving Canola Yields and Quality Through Best Management Practices for Disease*. Madeleine Smith of the Northwest Research & Outreach Center in Crookston is the principal investigator on this project. Understanding the timing and efficacy of management practices, whether cultural or chemical, is key to effective disease management. Little research has been conducted in the Minnesota growing environment on blackleg infection timing. The project objective is to develop blackleg disease control options and best management practices. By establishing a research infrastructure to examine disease management practices on yield and the impact of these practices, there is a unique opportunity to increase yield and quality stability for farmers, demonstrating canola is a reliable cropping choice in Minnesota.

2015 CANOLA PRODUCTION CENTRE (CPC)

The 2015 Canola Production Center (CPC) was on Magnusson Farms northwest of Roseau, MN, with a satellite site on the Peter Grafstrom farm east of Roseau. Trials were spearheaded by Nancy Ehlke, Donn Vellekson, and Dave Grafstrom with the University of Minnesota and included:

- Canola Rotation Trial - 8 treatments (32 plots)
- Nitrogen Rate, Source, and Timing Trial - 23 treatments (92 plots)
- Intensive vs. Traditional Canola Management Trial - 8 treatments (32 plots)
- Seeding Rate Trial - 12 Treatments (32 plots)
- Variety & Systems Comparison Trial (27 Varieties)

Small plot canola trials were planted May 22, 2015 (base fertility program of 26-40-40-20s on entire area).

2015 SCLEROTINIA RISK IN CANOLA FORECAST PROGRAM

The *Sclerotinia Risk in Canola Forecast Program* continues to be a useful tool to help farmers assess sclerotinia risk. The forecasting program was developed by the North Dakota State University canola pathology program with support from the Sclerotinia Initiative, Northern Canola Growers Association (NCGA), and the Minnesota Canola Council (MCC). While the information is based on extensive research data, it is only intended to serve as a guide. The risk maps and the calculator can be found on the MCC website: www.mncanola.org.

JOINT RESEARCH COMMITTEE

MCC and NCGA have a joint 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 from each state. In addition, the committee includes university representatives from Minnesota, North Dakota, South Dakota, and Wisconsin. Copies of the reports are available through the Council.

'14-'15 JOINT COMMITTEE

Curtis Amundson, MCC - Farmer
Hugh Hunt, MCC - Farmer
Ryan Pederson, NCGA - Farmer
Kyle Rollness, NCGA - Industry
Dave Gehrtz, NCGA - Industry
Brian Jenks, NCGA - University

2015 NCRP FUNDING MATRIX

Researcher	Project	Funding
UM (Ehlke)	Minnesota Canola Production Centre Research	\$44,600
NDSU (del Rio)	Identification of <i>B. Napus</i> Sources of Resistance to and Development of <i>B. Juncea</i> Breeding Populations with Resistance to Blackleg	\$74,143
NDSU (Jenks) UMT (Davis)	Controlling Volunteer Canola in Soybean	\$16,327
NDSU (Jenks)	Impact of Previous Crop on Soybean and Canola Yield	\$ 14,286
NDSU (Rahman)	Development of High Oil Canola Using Classical & Molecular Approaches	\$ 48,501
	Project Director Travel	\$2,143
	Total	\$200,000

2015 CANOLA-SPECIFIC SCLEROTINIA INITIATIVE RESEARCH FUNDING

Researcher	Project	Funding
UFL (Rollins)	Synergistic Enhancement of Resistance to Sclerotinia Sclerotiorum	\$68,337
NDSU (del Rio)	Identification of Resistance and Pathogenicity Genes Associated with Sclerotinia Sclerotiorum Infection Using Next-Generation Sequencing	\$69,695
	Total	\$138,032

2014-2015 SPONSORS

PLATINUM: \$10,000+

Northstar Agri Industries

DIAMOND: \$2,000 - \$9,999

Bayer CropScience

DeKalb

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

AgCountry Farm Credit Services

Bunge Canada

CHS Northwest Grain

DuPont Pioneer

Monsanto

Mycogen Seeds/Dow AgroSciences

Syngenta

WinField Solutions

BRONZE: \$500 - \$999

ADM

BASF

Cargill Specialty Seeds & Oils

Citizens State Bank

Star Specialty Seed

Valent USA

Ziegler Cat

ALLIED: \$250 - \$499

Border State Bank

BrettYoung

Crop Production Services

CROPLAN

Farmers Union Oil - Grygla

ICE Futures Canada

KQ92

Northern Farmers Co-op

Northern Resources Cooperative

ProSeed

Roseau County Co-op Assn.

Titan Machinery-Roseau

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

Curtis Amundson - Chair (Roseau)
Glen Nelson - Vice Chair (Clearbrook)
Robert Rynning - Sec./Treas. (Kennedy)
Tony Brateng (Roseau)
Jade Estling (Roosevelt)
Hugh Hunt (Hallock)
Kevin Severson (Roseau)

EX OFFICIO DIRECTORS

Jonathon Anderson - Mycogen/Dow Agro Sci.
Guy Christensen - Northern Sun-ADM
Lavern Emery - Salol Elevator - CHS
Paul Gregor - WinField Solutions
James Loewen - Bunge Canada
Dave McGlynn - Bayer CropScience

STAFF

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

2014/2015 EXPENDITURES AND YEAR-END LOSS

Income

Checkoff (6¢ per cwt)	\$12,314.00	
Interest; Grants; Donations; Misc.	<u>70,925.00</u>	\$ 83,239.00

Expenditures

Research	36,210.00	
Regulatory; Legislative	14,000.00	
Promotion; Education; Public Relations	28,708.00	
Administrative/Board	<u>15,353.00</u>	<u>94,271.00</u>

Net Gain

\$-11,032.00

2014/2015 Ending Fund Balance

\$87,096.00

“ADD GOLD TO YOUR ROTATION & WATCH YOUR PROFITS GROW”

Nearly 150 producers, university personnel, and industry representatives attended *Add Gold to Your Rotation & Watch Your Profits Grow*, the Council's annual meeting in Roseau on December 16. The day included educational sessions focused on new innovations, the safety net available to farmers through crop insurance and the Farm Bill, 2014 MN CPC research, world market demand for oil, and a summary of the 2014 growing season and the benefits realized by farmers who incorporate canola into their rotation. The educational sessions were followed by a grand



prize giveaway featuring a Polaris 600 Indy SP snowmobile sponsored by Northstar Agri-Industries (won by David Ruud of Palisade, MN). In addition, Bayer CropScience, BrettYoung, CROPLAN, DeKalb, DuPont Pioneer, and Star Specialty Seed each sponsored a giveaway of 20 acres worth of canola seed. Visit www.mncanola.org to review the presentations.

MCC FIELD DAY & GOLF SCRAMBLE ATTRACTS NEAR RECORD ATTENDANCE

Farmers, industry representatives, and extension personnel came out in droves to participate in the Council's 18th Annual Minnesota Canola Production Centre (CPC) Field Day and Canola Hackers Golf Scramble held in Roseau on July 15. Attendees participated in a morning plot tour, a noon lunch, and an afternoon of friendly competition on the links at Roseau's Oakcrest Country Club.

The 2015 Field Day was held on Magnusson Farms, northwest of Roseau, where farmers gathered to take a closer look at the research trials. CPC Project Manager Donn Vellekson led participants through the 3-acre site which featured these trials: variety and systems comparison; nitrogen rate, source, and timing; intensive vs. traditional canola management; canola row spacing/plant population; and canola/soybean rotation. (The CPC's pre-harvest desiccants/straight harvesting trial was located near Hallock.) The field tour was followed by lunch and the Canola Hackers Golf Scramble (in its 13th year).

A near record number of golfers (96) representing 24 total teams competed for the 1st place prize and the bragging rights of being crowned 2015 Canola Hackers Champions. Winning the \$200 first-place prize for the fourth year in a row was the team of Hagen Farms (Billy Hagen, Steve Czeh, Lee Sorenson, and Randy Wahlstrom). After a tie for second place between Bayer (Jeff Bergh, Nick Lindegard, Cameron Mortenson, and Nick Anderson) and South 89 Seed (Amy Brateng, Tony Brateng, Steve Dahl, and Matt Millner), tournament rules determined the Bayer team would prevail and take home the 2nd place prize. Special prizes were awarded for the longest drive, longest putt, closest to the pin, longest marshmallow drive, and the kid's putt. The afternoon ended in the clubhouse with refreshments, socializing, an awards ceremony, and a pig roast dinner.

2014 OUTSTANDING SERVICE AWARD

The Minnesota Canola Council's Outstanding Service Award recognizes and rewards significant contributions to the Minnesota canola industry. The 2014 award was presented to Minnesota Canola Production Centre Site Agronomist Dave Grafstrom. He has been the Minnesota Canola Production Centre Site Agronomist since 2012. Dave has logged many hours tending to plots, presenting information at meetings, and working with the Council to the benefit of Minnesota canola growers.



Grafstrom joins past recipients: Senator Leroy Stumpf (2012), James Loewen, Bunge Canada (2011), Rob Proulx, CPC Site Agronomist (2010), Derek Crompton, CPC Site Agronomist (2009), David Severson, MCC board member (2006), Cenex West Plant – Roseau (2005), Jim Johnson, Interstate Seed Company (2004), Paul Porter, University of Minnesota (2003), Dave LeGare, CPC Site Agronomist (2002), Art Lamey, North Dakota State University (2001), Erv Oelke, University of Minnesota (2000), Steve Dahl, MCC board member (1999), and Senator Leroy Stumpf (1998).