

OUR MISSION

To provide research, production knowledge and market development support to Manitoba pulse and soybean farmers. 🌱

2022 AGM
Annual General Meeting

MANITOBA
Pulse Soybean
GROWERS



02.16.22 • VIRTUAL PRESENTATION

OUR VISION

Manitoba farms sustainably producing profitable, quality pulse and soybean crops. 🌱

▼ 2021 MPSG BOARD OF DIRECTORS



Chair
Calvin Penner
– Elm Creek



Vice Chair
Melvin Rattai
– Beausejour



Director
Bryce MacMillan
– Marquette



Director
Ben Martens
– Boissevain



Director
Bryce Pallister
– Portage la Prairie



Director
Brendan Phillips
– Hartney



Director
John Preun
– St. Andrews



Director
Frank Prince
– Waskada



Director
Garrett Sawatzky
– Altona



Director
Ernie Sirski
– Dauphin

For 2022, a Call for Nominations to fill three, three-year terms on the MPSG board of directors was advertised. The following nominees submitted their nomination papers for election.

MEET THE 2022 INCUMBENT NOMINEES

John Preun – St. Andrews

John was first elected to the board in 2016. He is a third-generation farmer and together with his brother and two sons, they farm near Selkirk where they grow soybeans, peas, canola, wheat, oats, corn and fall rye.

John brings a wealth of board experience to MPSG, having served as chair and director of Manitoba Pork for 11 years. He believes advocacy is critical to the success of all growers and looks forward to continuing to serve the membership.

Garrett Sawatzky – Altona

Garrett farms near Altona with his family where they grow cereals, oilseeds and special crops.

He is also a Farm Management Instructor in the agriculture diploma program at the University of Manitoba.

Garrett has served on the board since 2019 and is also involved with other local and regional boards and committees.

MEET THE 2022 NOMINEE

Alex Burgess – Minnedosa

Alex was born and raised in Brandon. He began working full time on the family farm when he was 18 and was managing it by the time he was 27. Crops grown on the farm include peas, barley, fall rye and canola.

In 2021, he was appointed as an intern director and sat as a non-voting member on two committees.

Alex is also a lawyer and will bring a unique set of skills and experience to the board.

▼ **MPSG STAFF**

Manitoba Pulse & Soybean Growers

2021 Committees and Representatives

MPSG COMMITTEES – *The first named is chair*

Executive – C. Penner, M. Rattai, B. Phillips

Governance/HR – B. MacMillan, F. Prince

Policy – B. Phillips, B. Martens, B. Pallister,
J. Preun, M. Rattai, E. Sirski

Finance/Audit – M. Rattai, J. Preun

Resolutions – B. Phillips, B. Martens, B. Pallister

Nominating – B. Phillips, B. Martens, B. Pallister

Communications/Member Relations – E. Sirski,
B. MacMillan, B. Pallister, G. Sawatzky

Market Development – J. Preun, B. Martens,
B. Pallister, A. Burgess (non-voting)

Research – F. Prince, B. Martens, B. Pallister,
B. Phillips, M. Rattai, G. Sawatzky, A. Burgess
(non-voting)

**U of M Research Agronomist Advisory
Committee** – F. Prince, J. Preun

MPSG REPRESENTATIVES

**Canadian Grain Commission Pulse
Sub-Committee** – G. Sawatzky

Grain Growers of Canada – B. Phillips

- **Trade and Marketing** – E. Sirski
- **Business Risk Management** – TBD

Keystone Agricultural Producers

- **General Council** – C. Penner
- **Pulse/Oilseed Sub-Committee** – Staff
- **Commodity Group** – C. Penner

MCVET – Staff

PGDC/PRCPSC – B. Martens, staff

Pulse Canada – B. Martens, J. Preun

- **Sustainability** – F. Prince

Soy Canada – E. Sirski, M. Rattai

Western Canadian Pulse Growers Association

- **WGRF** – B. Dalgarno (MPSG) (term 2019–2023)
- **CGC Western Grain Standards Committee** –
E. Sirski (exp. 2021)



Executive Director
Daryl Domitruk
daryl@manitobapulse.ca



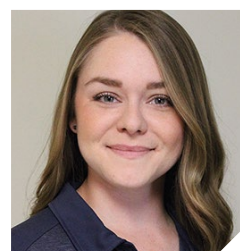
**Director of Finance
and Administration**
Melissa Denys
melissa@manitobapulse.ca



**Finance & Member
Relations Administrator**
Sandy Robinson
sandy@manitobapulse.ca



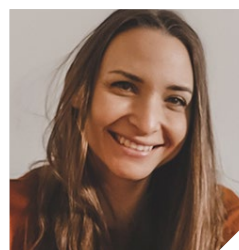
Program Administrator
Wendy Voogt-Howard
wendy@manitobapulse.ca



Research Specialist
Cassandra Tkachuk
cassandra@manitobapulse.ca



**Production
Specialist – West**
Laura Schmidt
laura@manitobapulse.ca



**Agronomist –
On-Farm Network**
Leanne Koroscil
leanne@manitobapulse.ca



On-Farm Technician
Ian Kirby
ian@manitobapulse.ca

► GENERAL MEETING AGENDA

TIME	ITEM	PRESENTER	ACTION
9:00 am	Call to Order	Cal Penner	
9:02 am	Approval of Agenda	Cal Penner	MOTION to Approve
9:04 am	Meeting Procedures	Cal Penner	
9:07 am	Minutes of the 2021 Annual Meeting	Cal Penner	MOTION to Adopt
9:09 am	Nominating Committee Report	Brendan Phillips	
9:11 am	Auditor's 2021 Report	Alex George	MOTION to Approve
	Appointment of Auditors for 2022	Cal Penner	MOTION to Appoint
9:21 am	SR&ED Presentation	Melissa Denys	
9:24 am	Executive Director's Report	Daryl Domitruk	
9:34 am	Research & Production Report	Daryl Domitruk	
9:44 am	Resolutions Committee Report	Brendan Phillips	MOTION to Approve
9:47 am	Outgoing Director Acknowledgement	Mel Rattai	
9:50 am	Open Discussion and Questions	Cal Penner	
9:55 am	Other Business	Cal Penner	
10:00 am	Adjourn	Cal Penner	Adjourn

Scientific Research & Experimental Development Tax Credit

Farmers that contribute check-off dollars to MPSG and are in good standing are eligible to claim the federal Scientific Research & Experimental Development (SR&ED) tax credit.

For the 2021 tax year, 23.82% of MPSG check-off qualifies for the SR&ED tax credit.

For more information on the process of claiming the tax credit, please consult your accountant or visit the Canada Revenue Agency website.

The 2001–2021 MPSG SR&ED tax credit rates are available on the MPSG website manitobapulse.ca.

► 2021 ANNUAL GENERAL MEETING MINUTES

February 10, 2021 | Virtual Presentation

ITEM	AGENDA ITEM	PRESENTER
1	Call to Order — 8:00 am Special Meeting called to order	C. Penner
2	Agenda — MOTION: To approve the agenda for the Special Meeting as presented. • Moved: B. Phillips Seconded: B. Michaleski – CARRIED –	C. Penner
3	Meeting Procedures	C. Penner
4	Proposed Amendments to By-Laws — MOTION: That the draft-by-laws, as circulated to the membership be adopted. • Moved: M. Rattai / Seconded: J. Froese – CARRIED –	C. Penner
5	Adjourn	C. Penner
6	Call to Order — 8:15 am Annual General Meeting called to order	C. Penner
7	Agenda — MOTION: To approve the agenda for the Annual General Meeting as presented. • Moved: E. Sirski / Seconded: B. Michaleski – CARRIED –	C. Penner
8	Meeting Procedures	C. Penner
9	Minutes of the 2020 AGM — MOTION: That the minutes of the 2020 Annual General Meeting be adopted as circulated. • Moved: J. Preun / Seconded: M. Rattai – CARRIED –	C. Penner
10	Nominating Committee Report — On behalf of the Nominating Committee, chair E. Sirski, presented the committee report. The committee reported that the terms of the following four directors expire as of this meeting: Hailey Jefferies, Ben Martens and Brendan Phillips. Hailey is not seeking another term. Ben and Brendan submitted their nomination papers, and new candidate Bryce Pallister submitted his nomination papers. Since no other members filed nomination papers prior to the January 21, 2021 deadline the two incumbents and new candidate are elected by acclamation to three, three-year terms (2021–2024). Introduction of returning board members and welcome to new board member.	E. Sirski
11	Auditor's Report — MOTION: That the 2020 audited financial statements be adopted as presented by Alex George of George & Associates Chartered Professional Accountants Inc. • Moved: B. MacMillan / Seconded: C. Fossay – CARRIED –	A. George
12	Appointment of Auditors — MOTION: That George & Associates Chartered Professional Accountants Inc. be appointed auditors for the Manitoba Pulse & Soybean Growers for 2020. • Moved: M. Rattai / Seconded: B. Michaleski – CARRIED –	C. Penner
13	SR&ED Presentation — M. Denys-Roulette presented the 2020 SR&ED eligible claim.	M. Denys- Roulette
14	Executive Director's Report — D. Domitruk presented the Executive Director's report.	D. Domitruk
15	Research and Production Report — D. Domitruk presented the 2020 Research & Production report.	D. Domitruk
16	Resolutions Committee Report — On behalf of the Resolutions Committee, chair E. Sirski presented the committee report. No resolutions, from the membership, were submitted prior to the December 1, 2020 deadline. The board brought forward the following two resolutions to its members 1. Be it resolved, that in 2021, MPSG will act as an agent on behalf of its producer members in all matters relating to Scientific Research & Experimental Development (SR&ED). • Moved: J. Preun / Seconded: B. Phillips – CARRIED – 2. Be it resolved that all acts, contracts, and payments, made, done, and taken by the directors and officers of the Association, be and are hereby approved, ratified, sanctioned and confirmed. • Moved: J. Preun / Seconded: R. Krahn – CARRIED –	E. Sirski
17	Outgoing Director Acknowledgement — Exiting director, Hailey Jefferies was recognized for her contribution to the pulse and soybean industry.	C. Penner
18	Open Discussion and Questions	C. Penner
19	Other Business – There was no other business to report.	C. Penner
20	Adjourn – 9:15 a.m.	C. Penner



MESSAGE FROM BOARD CHAIR

Calvin Penner, Chair

AS I SIT and think about what I will write for this message, it is snowing and the wind has switched back from the north after blowing from the south. These unpredictable winds seem to be filling every nook and cranny of our farm with snow. That's a good thing, and it's also a good thing that there is no dirt blowing off of our fields. Things are looking much brighter than they did at this time, last year.

Right now, we have slightly above average snow accumulation, which is what we will need to be able to start recharging the soil moisture deficit. It is a good starting place and who knows what will happen between when I wrote this and when you read it. We will still need a good, slow melt to allow all of this to soak into the soil, as well as timely rains in order to recover from the drought.

I've enjoyed the last six years at Manitoba Pulse & Soybean Growers (MPSG), but I have decided to step back to make way for new board members. It has been a great experience to sit on the MPSG board and then be asked to chair the board. We have an exceptional board and staff at MPSG. I have learned a lot about boards and soybean and pulse research, as well as how farmers farm in different areas of the province. I have also been able to meet researchers from across the country and see the research that supports MPSG's vision statement, which states "sustainably producing profitable, quality pulse and soybean crops."

I look forward to seeing the continued results of research into pulses and soybeans. There is so much good work that happens that is unseen by the casual observer.

The 2022 board election results will be known by the time you read this. I want to congratulate the persons elected. I would encourage everyone to make time and consider sitting on a board at sometime in their lives. You can make a difference no matter what type of board it is. You also will learn about how boards work, as you provide leadership and direction to whatever organization you choose to engage with. You will learn a lot about human nature, as well as meet new and interesting people.

Over the past six years, I have enjoyed seeing all the work that MPSG has done. I am proud of the work that MPSG is doing on behalf of Manitoba farmers.

I want to wish you a good 2022 crop.

Sincerely,

A handwritten signature in black ink that reads "Calvin Penner".

Calvin Penner





MESSAGE FROM EXECUTIVE DIRECTOR

Daryl Domitruk, PhD, PAg, Executive Director

WITH COVID-19 OVERSTAYING its welcome into 2021, MPSG was forced to adjust operations accordingly. Although in-person extension activities were again cancelled, the vast majority of our activities continued under the required pandemic protocols. Staff, directors, farmer cooperators and our partners in research and extension worked diligently to insure work was done well and safely.

With 2021 being a season of extreme drought, a lot of learning occurred. Those of us that have been around a while forget that younger folks have not experienced full-on drought. Well, they have now. Through the heat, dust and hoppers, we encouraged staff to observe and remember what it takes to farm in this part of the world. And to appreciate the fact that for all our technology, Mother Nature still holds the hammer. I hope the lessons stick and serve them throughout their careers.

We continue to follow the ups and downs of pulse and soybean acres. Of course, these trends are integral to MPSG's business planning. The maps show where our crops were present in 2021. Drought impacted all crops in 2021. The question is, what

lasting impression did the performance of pulses and soybean leave with growers? What will the maps look like next year? Some growers have dropped soybeans in response to consecutive dry years. Some have increased pea sowings for the same reason. Dry bean growers tend to be reliable stalwarts and adjust acres in response to price. That said, new growers have come on

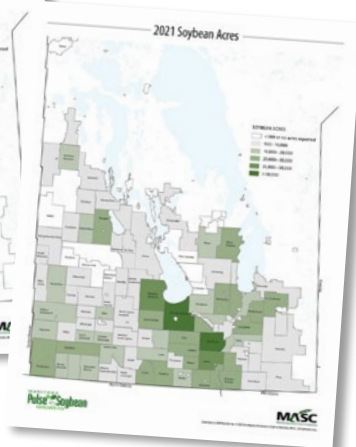
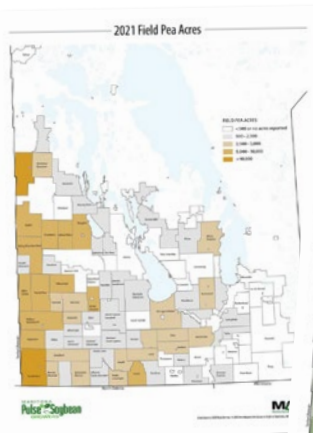
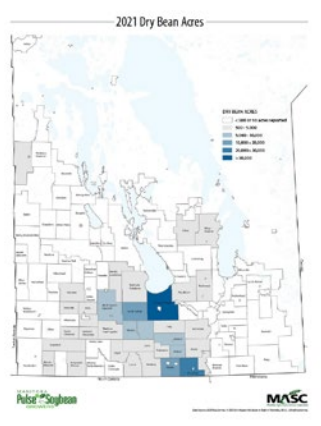
board in the southwest and Swan River areas. Pulses and soybeans provide a good alternative for areas where canola has become less attractive. For sure, the dramatic response of soybean to even the slightest shower in August has been confirmed. The probability of such a weather event may not factor into a planting decision but, then again, it might.

All this to indicate the annual "guessing of acres" has become a permanent feature of MPSG budget planning.

Producer-led groups are great training grounds for the next generation of ag professionals. In 2021 we said goodbye to Megan Bourns, who led the On-Farm Network for three seasons. She's off to the U.S. to complete a PhD. We're proud to have helped nurture a talent such as Megan and her time in pulses and soybeans will return dividends to our industry regardless of where she lands. We also made some adjustments to how we employ communications specialists by moving to a contract format. Already, I know we're reaping the benefits by attracting some fine communications talent to the MPSG fold. We're not satisfied being a pit-stop for developing professionals. Today's labour market is prompting us to evaluate our approach to staffing. It's a good thing because employees are the basic ingredient to a successful research and extension enterprise and, currently, MPSG is in a great spot.

In 2021 MPSG remained a field-oriented organization. The majority of our resources are spent on activities in the field. Whether it was 54 farm scale trials in members' fields or surveying crop health on 130 fields across the province, our in-house field program is a core business. Even research that is assigned to universities and AAFC is overwhelmingly of the field variety. The field is simply where our members' challenges and opportunities are expressed. Sometimes we transmit the field problem into a laboratory assignment. Recently established objectives in drought-tolerant

continued ►



Message from Executive Director continued

soybean require a detailed understanding of plant genetics and physiology, which can only be achieved in the lab. Even there, however, our goal is to test new drought-resistant lines in the field in Manitoba. This field approach will continue as the research program continues to evolve.

Policy activities really picked up speed in 2021. Leading the way were discussions on sustainability at the national, provincial and industry levels. MPSG weighed in to support the unique attributes of pulses and soybeans with respect to climate change. Our national groups – Soy Canada, Pulse Canada and Grain Growers of Canada – are great advocates for our crops and for farmers in general. We support them with Manitoba perspectives not only on climate but on decisions by Pest Management Regulatory Agency, AAFC and national initiatives such as Responsible Grain. Provincially, Keystone Ag Producers receives support from MPSG in their efforts to provide ag policy advice to the provincial minister. The past year was a watershed in collaborative discussions among Manitoba commodity groups. We all seek the proper role and

balance of responsibilities in formulating local farm policy. We hope the ground we covered in 2021 leads to effective and efficient representation in 2022.

I want to close my report by emphasizing that despite a recent drop in soybean production, the level of research, extension and policy activity inside MPSG has never been higher. This reflects the ongoing strength of MPSG's resolve to improve the fortunes of pulse and soybean growers who entrust us with their check-off dollars. I am confident these investments will yield significant dividends for growers.

Sincerely,



Daryl Domitruk



RESEARCH AND PRODUCTION REPORT

Daryl Domitruk, PhD, PAg, Executive Director

IN 2021 DESPITE the constraints imposed by the drought and the COVID-19 pandemic, MPSG continued to invest in research to solve production challenges and uncover opportunities for pulse and soybean growers. Research was complemented by a significant extension and communications program.

RESEARCH

Each year, MPSG's research committee confirms the direction and outcomes that guide the development and funding of new projects. Again in 2021, the committee's decisions were brought to government, university, college and other public laboratories to develop projects that, when extended to growers, advance their knowledge of pulse and soybean production.

Research investments continued to target production costs along with improvements to yield and crop quality with the goal of enhancing the profitability of pulse and soybean production. Improved soil health and productivity round out the list of primary targets for research. Whatever the research topic, MPSG projects are conducted at a range of scales, from laboratory experiments to small plot field studies to farm-scale trials conducted by MPSG growers.

On-Farm Network

In 2021, the On-Farm Network propelled 54 trials to harvest across all major agricultural regions of Manitoba. Several trials were abandoned due to drought. This brings MPSG's portfolio of on-farm experiment results to 418 trials. In 2021, 14 topics were examined in dry edible beans soybeans, peas, faba beans and peaola. Over 4,500 hours of staff time were dedicated to on-farm tests. Staff logged over 70,000 km assisting producers in performing trials in fields across the province. On-farm trials were repeated over soil types, crop varieties and farm equipment types, allowing MPSG members to objectively assess the performance of crop inputs and agronomic practices under real farm conditions. On-farm trials complement small-plot research by subjecting small-plot results to farm-scale conditions.



on-farm network
PARTICIPATORY • PRECISE • PROACTIVE

Agronomist-in-Residence (AIR)

The AIR research program is a collaboration between MPSG and the University of Manitoba. AIR focuses on improving pulse and soybean profitability by bridging the gap between academic research and practical agronomic recommendations. This requires the Agronomist in Residence to perform both small-plot and on-farm research. In 2021, the fifth year of the program, one trial was conducted addressing eight applied research topics. New work was initiated on a long-term pea



rotation study. Projects continuing from previous years addressed crop residue management ahead of peas, dry bean inoculants, cost-effective weed control in soybean, intercropping, iron deficiency chlorosis and pea aphid management.

Market Development

Research in pulse and soybean production is augmented by corresponding efforts to expand markets. Membership in Pulse Canada and Soy Canada enables MPSG to access those organizations' expertise in market assessment and development. This provides guidance to research that directly supports market expansion. Recent growth of plant protein and low carbon animal feed markets is opening new opportunities for growers of pulses and soybeans.

In 2021 activities were focused on developing a campaign to promote dry bean consumption among Canadians. The program was released in 2022 in conjunction with Pulse Canada and our sister provincial pulse organizations. Locally, the campaign compliments MPSG's contribution to the *Great Tastes of Manitoba* television program. 2021 marked MPSG's entry into discussions among industry stakeholders regarding the development and adoption of sustainability indices and reporting. Regardless of how Canada's farmers ultimately measure and report on their sustainability practices, pulses and soybeans will contribute greatly to Canada's story of success. Locally, significant strides have been made in understanding Manitoba soybean protein and its elevated levels of amino acids critical to animal growth and development. This knowledge supports companies pioneering the market for Manitoba soybean meal in hog feed formulations.

New Research Projects

In 2021, MPSG committed \$209,768 to ten new projects with a total value of \$261,208. An additional \$200,000 was earmarked to assist construction and program development at Assiniboine Community College's new Prairie Innovation Centre. For the ten new projects, MPSG's funds were complemented by \$36,440 from the Canada-Manitoba Canadian Agriculture Partnership and by \$15,000 from the federal Mitacs program. Growers contributed time and labour to three new On-Farm Network research objectives. As the second last year in the 5-year CAP program, funding from the Canada-Manitoba Ag Action program was restricted to one-year projects and capital purchases. Hence, overall expenditures were lower compared to previous years. 2021 marked the third year of a partnership between MPSG, Manitoba Agriculture and Roquette. To assist MPSG members in capitalizing on the opportunity to deliver peas to Roquette, a series of collaborative research and extension projects are being undertaken over four years.

continued ►

PROJECTS APPROVED FOR FUNDING IN 2021

Development and evaluation of a fully automated, made-in-Manitoba data rover for the rapid collection of ground-level phenotypic data related to abiotic stress tolerance in soybean.	U of W
Purchase of a near infrared (NIR) spectrometer for crop protein research.	AAFC-Morden
Analysis of the carbon intensity of current annual legume production methods and their adaptation potential for the future low carbon economy.	PAMI
Purchase of 3/4-ton truck for On-Farm Network.	MPSG
Expanded soybean protein testing (Regional Variety Trials).	U of M
Extension of a project on management of root rot in peas in Manitoba.	AAFC-Brandon
Purchase of truck-mounted soil probe.	MPSG
Peaola seeding rate.	MPSG – OFN

AAFC – Agriculture and Agri-Food Canada
MPSG – Manitoba Pulse & Soybean Growers
OFN – On-Farm Network

PAMI – Prairie Agricultural Machinery Institute
U of M – University of Manitoba
U of W – University of Winnipeg

PRODUCTION EXTENSION

Extension of knowledge gained through research is an indispensable activity for MPSG. Extension is accomplished in the following ways:

- Development and distribution of guides, fact sheets and apps.
- In-person and virtual extension events.
- Evaluation of crop varieties at multiple locations across the province.
- In-season scouting by MPSG production agronomists.

Guides and Fact Sheets

Six new guides and fact sheets were developed and issued in 2021:

- Guide to Conducting On-Farm Trials
- Dry Bean Desiccation and Harvest Guide
- Field Pea Desiccation and Harvest Guide

- Fungicide Decision Worksheet for Managing Mycosphaerella Blight in Field Peas
- Faba Bean Insect and Disease Scouting Calendar
- Organic Pea Production Guidelines (In association with Manitoba Agriculture and Roquette)

Regional Variety Testing

In 2021, MPSG continued an extensive variety evaluation program in dry edible bean, soybean, pea and faba bean. The program conducted 58 trials testing almost 200 varieties. Trials included:

- Herbicide-tolerant soybean: 29 trials, 13 locations, up to 80 varieties
- Conventional soybean: 9 trials, 9 locations, up to 46 varieties
- Dry bean: 8 trials (4 narrow-row, 4 wide-row), up to 40 varieties
- Field pea: 10 trials, 10 locations, 21 varieties
- Faba bean: 2 trials, 2 locations, 9 varieties and advanced breeding lines



In each crop, the varieties tested represented all market classes available to Manitoba growers. Soybean varieties were grouped according to their adaptation to eastern or western growing regions as well as by maturity zone. Testing was conducted in close association with Manitoba Agriculture and the seed industry. Results from the 2021 field season will be utilized by growers ahead of seed purchases for the 2021 crop. Results were again published in the *Pulse and Soybean Variety Guide* and Manitoba Seed Growers' Association's *SEED Manitoba*.

Extension Events

All in-person extension events were cancelled due to COVID-19. In place of in-person extension, MPSG focussed on virtual extension of facts and observations accumulated through visits

continued ➤



Research and Production Report continued

to 130 grower fields, 58 variety trials and 54 on-farm tests across Manitoba. In most cases, observations were recorded for root, stem and foliar pathogens and for insects such as pea leaf weevil. Results were used to detect the emergence and spread of pests and to judge the general efficacy of pest control practices. Information was featured in 19 *Bean Reports* issued in 2021. Reports were concentrated during the crop season and issued monthly in winter via social media and radio interviews.



MPSG agronomists also turned field observations into 16 field scouting videos. The On-Farm Network results were also reported in video format by trial type and were posted to the MPSG website. Single-page On-Farm Network results for individual trials were relayed to the cooperating grower. In the new year, each cooperating grower received a booklet with results of all 54 trials.



MPSG agronomists produced eight webinars or virtual extension sessions, including an On-Farm Network webinar in association with Manitoba Crop Alliance.

MPSG agronomists provided 20 interviews in formats ranging from written articles to webinars to video recordings.

The MPSG *Bean Smartphone App* was rebuilt through 2021. The app provides a variety of smartphone-based tools to help with fungicide applications, harvest loss assessment and many other critical steps in pulse and soybean production. The new version will allow quicker, more responsive updates.

The **On-Farm Network annual appreciation dinner**, was also cancelled due to COVID-19. In its place, MPSG distributed trial results to growers via online video and a results booklet was mailed to each participant prior its release to the general public.



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BEANS**

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www.manitobapulse.ca



YouTube