



MANITOBA Pulse Soybean GROWERS

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



on-farm network

Results by Farmers, for Farmers

- Since 2012, MPSG's On-Farm Network (OFN) has been invested in evaluating new products and practices for pulse and soybean production while empowering farmers to conduct simple, reliable research on their farms.
- On-farm trials are field-scale strip trials that are randomized and replicated and established using farmers' existing equipment and typical management practices. Results are statistically analyzed to determine true treatment effects on yield.
- Over the last 11 years, 462 on-farm trials have been established and harvested through the OFN.
- To discuss OFN trials, contact the On-Farm Network Agronomist, Leanne, at 204-751-0439.

On-Farm Network Research Database

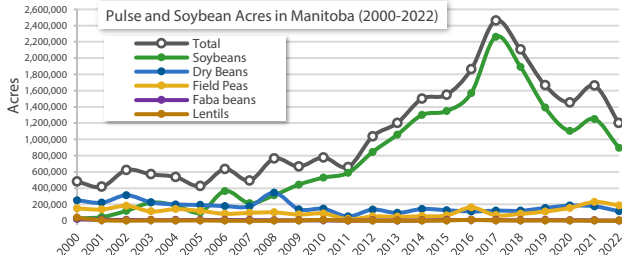
Find results from these trials and more at manitobapulse.ca/on-farm-research-reports.

SOYBEANS		
Trial Type	Years	# of Trials
Seeding rate	2012 – 2022	107
Row spacing	2019 – 2022	20
Foliar fungicide	2014 – 2020	66
Inoculant		
Double vs. single	2013 - 2022	51
Single vs. none	2016 – 2022	38
Seed treatment	2015 – 2020	44
Biologicals	2019 – 2022	18

FIELD PEAS		
Trial Type	Years	# of Trials
Seeding rate	2021 – 2022	7
Foliar fungicide	2014 – 2022	44
Inoculant	2020 – 2022	3

DRY BEANS		
Trial Type	Years	# of Trials
Foliar fungicide	2016 – 2022	17
Nitrogen Fertility	2019 – 2021	6
Tillage	2020 – 2021	3

Research and Production Investment

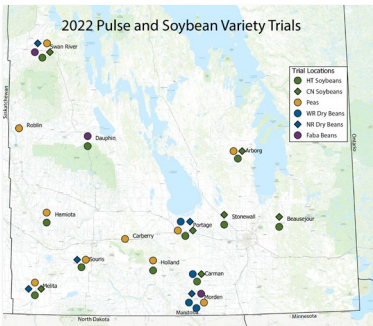


- MPSG is a non-profit commodity group organization representing over 4,000 farmers in Manitoba who grow soybeans and pulses (peas, dry edible beans, lentils and faba beans).
- A mandatory, refundable check-off of 0.1% of pulse and soybean sales are levied and remitted to MPSG to provide research, production knowledge and market development support to farmers in Manitoba.
- As a core activity, 50-60% of MPSG's budget is allocated to fund research annually. Research investments are further leveraged through provincial and federal government funding programs.
- For every dollar MPSG spent on research projects from 2018 – 2023, \$2.70 was leveraged through investment partners.

Regional Variety Evaluation Trials

- For more than 30 years, pulse and soybean varieties have been evaluated across Manitoba to provide independent, unbiased variety performance information.
- Soybean and dry bean trials are currently sponsored, administered and conducted by MPSG. Pea and faba beans trials are coordinated by the Manitoba Crop Variety Evaluation Team (MCVET) and co-sponsored by MPSG, MCVET and Manitoba Agriculture.

- Trials are hosted at 15 locations to capture regional performance differences across agro-Manitoba.
- Results are published annually in MPSG's *Pulse and Soybean Variety Guide* and *Seed Manitoba*.



Crop Type	# of Varieties	# of Trials
Soybeans (herbicide tolerant)	61	19
Soybeans (conventional/IP)	46	9
Field peas	26	10
Dry beans	52	4 wide-row 5 narrow-row
Faba beans	8	3
Total in 2022	193	50



Resources for Farmers and Agronomists

The Bean Report

Subscribe Today!



- Your source for independent, up-to-date information on soybean and pulse crop agronomy and research.
 - Newsletter distributed bi-weekly throughout the growing season.
 - Library of past reports available at manitobapulse.ca/the-bean-report.
- The Science Edition of *Pulse Beat* magazine summarizes completed MPSG-funded research projects conducted in the lab, field trials and the On-Farm Network.
- Download the *MPSG Bean App* from the app store for interactive calculators and tools to use in the field.
- Agronomy libraries of crop-specific information from seeding to harvest available at manitobapulse.ca/production.
- Have soybean and pulse-related agronomy questions? Contact MPSG's Production Specialist, Laura, at 204-751-0538.



Printed Fact Sheets and Guides

- Printed, laminated fact sheets and guides available and ready for in-field use. Let us know if you need copies!
- Growth staging and maturity guides, scouting calendars, fungicide decision worksheets, desiccation staging guides and more.
- New guides developed in 2021 and 2022:
 - Fungicide Decision Worksheet for Managing *Mycosphaerella Blight*
 - Field Pea Insect and Disease Identification Guide
 - Field Pea Desiccation and Harvest Guides
 - Dry Bean Desiccation and Harvest Guides
 - Dry Bean Narrow Row Production Guidelines
 - Organic Field Pea Production Guidelines and Weed Control Guide
 - Faba Bean Insect and Disease Scouting Calendar
 - Guide to Conducting On-Farm Trials

