

Call for Letters of Intent

Released – March 15, 2019

Under the Ag Action Manitoba component of the Canadian Agricultural Partnership the Manitoba government has invited letters of intent (LOI) for new research projects to be submitted by April 15, 2019. In response, Manitoba Pulse & Soybean Growers (MPSG) has identified research topics in order to engage researchers in the development of letters of intent.

MPSG's research investments are intended to achieve improved farm profitability through advances in the following areas:

- Grain yield and quality
- Reduced pest control costs
- Soil quality
- Market demand for pulses and soybeans

In support of these intentions MPSG is seeking discussions with researchers in the following areas:

- Utilization of Manitoba soybean crushing co-products as a source of protein for livestock
- Development of agronomic recommendations for dry bean production in south-western Manitoba
- Pulse crop harvest management: chemical and cultural alternatives to existing pre-harvest chemical treatments
- Development of agronomic recommendations to produce soybeans for the non-GM soybean and plant protein markets
- Soil health: defining economically key soil attributes (biological, physical, chemical) that enhance and/or arise from annual legume production
- Collection and use of plant and soil data generated by spaceborne, airborne or land-based sensors in field scale experiments
- Accelerating the development of techniques to rapidly detect and characterize pests of pulses and soybean
- Pulse crop adaptation: genetic and agronomic improvements to diversify the suite annual grain legumes adapted to commercial production in Manitoba



MPSG supports research at scales from the lab bench through small field plots to field-scale on-farm tests. Research on economics and markets is also supported. Merit is preferentially awarded to proposals that can demonstrate how results would improve the economic return of pulse and soybean production.

Researchers interested in collaborating on an LOI in the above areas should contact Daryl Domitruk before **March 29, 2019**. Please be prepared to state the objective, relevance, partners and estimated total cost of the project.

Daryl Domitruk
Director - Research and Production
Manitoba Pulse & Soybean Growers
daryl@manitobapulse.ca
(204) 751-0019

Proposed LOI's approved by MPSG's Research Committee will be submitted to Manitoba Agriculture by MPSG.

Information on the provincial LOI process appears at:
<https://www.gov.mb.ca/agriculture/research-and-innovation/funding-opportunities/index.html>

