MANITOBA
CROP
ALLIANCE

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Call for Participants: Manitoba Crop Alliance 2023 Research on the Farm Trial Program

Have you ever considered trying out a new practice or product on your own farm? With your own equipment? Would you like to learn more about doing your own research? Are you a member of the Manitoba Crop Alliance (MCA)? Consider participating in an MCA trial! MCA is conducting our Research on the Farm program with projects on wheat, barley, corn, flax and sunflowers available for farmers to participate in for 2023!

A) Use of a Seed Treatment on Wheat or Barley

Objective: To quantify the impact of the use of a seed treatment on crop establishment and yield in wheat or barley.

Benefits to MB Producers: Does it make sense to use a seed treatment on your wheat or barley crop in Manitoba? How does a farmer try to ensure a successful start with a good crop establishment of his wheat or barley field in uncertain field conditions? A use of a seed treatment may prove beneficial in ensuring a good start for a promising crop.

B) Seeding Rates in Wheat, Barley, Flax, and Sunflowers

Objective: To quantify the impact of plant stand on the agronomic and economic implications in each crop type.

Benefits to MB Producers: How will a lower or high plant stand affect the health of your crop? Will it affect the yield and ultimately the returns to your farming operation?

C) Enhanced Efficiency Fertilizer Usage in Spring Wheat

Objective: To quantify the agronomic impact of enhanced efficiency fertilizer (EEF) usage in spring wheat on yield and protein.

Benefits to MB Producers: How will EEFs respond under dry/wet conditions? Is there a blend that shows promise with your farming operation? Does the use of an enhanced efficiency fertilizer add to your wheat crop's yield or seed protein levels?

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D) Management of Lodging with the use of a Plant Growth Regulator (PGR) on Barley

Objective: To quantify the agronomic impact of the use of a Plant Growth Regulator (PGR) on plant height, lodging and yield in barley.

Benefits to MB Producers: When does it make sense to use a PGR for your cereal crop in Manitoba? This is a question many farmers ask as they see a good growing season developing. An application of a PGR may be a useful tool in a high input situation where the crop has high yield potential but is at risk of lodging.

E) Fungicide Timing for Management of Fusarium Head Blight (FHB) on Spring Wheat

Objective: Is to provide insight on the impact of a fungicide application and timing on FHB disease levels in-season and in harvested grain on spring wheat.

Benefits to MB Producers: Being aware of potential risk of FHB infection through the use of decision tools such as Manitoba Agriculture's FHB risk maps, combined with proper timing of a fungicide application, are key factors in helping Manitoba wheat growers reduce the risk of yield and quality loss due to FHB.

F) Nitrogen Fixing Biological Products on Corn

Objective: Is to quantify the agronomic impacts of biological fixing nitrogen products (Envita) on grain corn for yield and quality.

Benefits to MB Producers: Does it make sense to use a nitrogen fixing biological on your corn crop in Manitoba to fulfill the mid to late season nitrogen fertility gap? This is a question from our farmer members to determine if a nitrogen fixing biological product will increase yields in corn when applied.

Interested in Participating?

If you are interested in participating in any of these trials, please contact Daryl Rex, Research Trial Specialist at 204-745-6661 or email daryl@mbcropalliance.ca or Jordan Karpinchick, Trial Coordinator with Tone Ag Consulting, at 204-433-7189 or email jordankarpinchick@toneag.com.

For more information on MCA's Research On The Farm trial program, including results from previous years and current Research On the Farm projects, visit our website.