



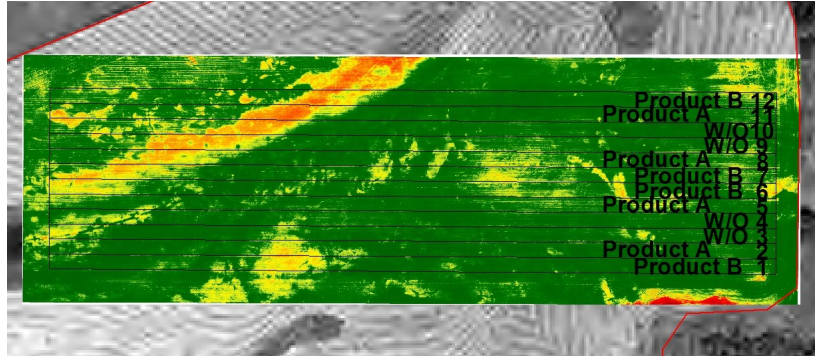
Wheat Seed Treatment

Trial ID: 2021-WST02 — R.M. of Cartwright-Roblin

Objective: The purpose of this project is to quantify the impacts of two different seed treatments in wheat.

FIELD IMAGE

TRIAL INFORMATION	
Location	Cartwright
Previous Crop	Soybeans
Soil Texture	Clay Loams
Tillage	Zero Tillage
Planting Date	April 24, 2021
Variety	AAC Brandon
Row Spacing	7.5"
Seeding Rate	120 lbs/ac
Fertilizer (N-P-K-S)	110N 50P 22K
Harvest Date	August 15, 2021



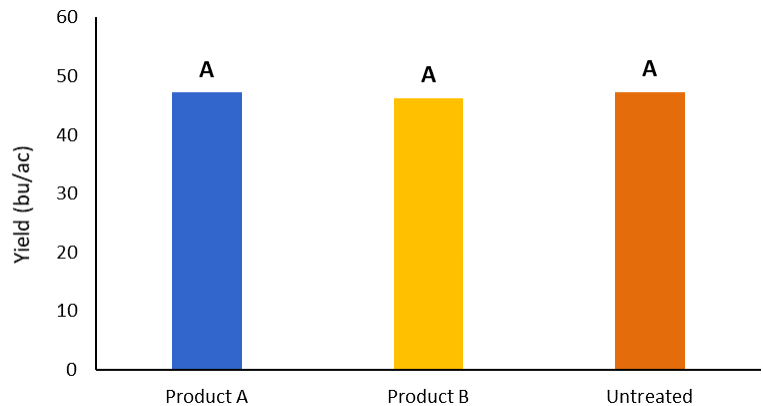
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	25	83	13	34	155
Normal	60	82	66	45	254

†Growing season precipitation (mm) - May 01—Aug 15

WHEAT RESPONSE				
	Plant Stand/ft ²	Protein	TWT (kg/hL)	Falling Number
Product A	27 ^A	16.3	77	418
Product B	27 ^A	14.5	82	341
Untreated	24 ^A	14.3	82	359

OVERALL YIELD	
	Mean (bu/ac)
Product A	47.2 ^A
Product B	46.2 ^A
Untreated	47.2 ^A
P-Value	0.7976
CV	5.07%
Significance	No

YIELD BY TREATMENT



Summary: There was no significant yield difference between the seed treatments and the untreated check. There was no significant difference in plant stand due to the use of seed treatment. Rainfall was below normal throughout the growing season.



MCA would like to thank Tone Ag Consulting Ltd. for the research support and SGS Canada Inc. for the wheat quality analysis for this trial.



**MANITOBA
CROP
ALLIANCE**

Phone: 204-745-6661
Website: mbcropalliance.ca
Email: hello@mbcropalliance.ca