

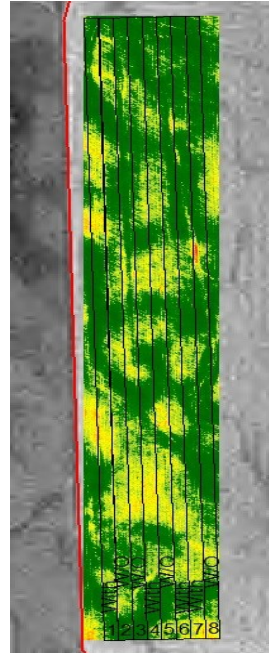


Wheat Seed Treatment

Trial ID: 2021-WST04 — R.M. of Emerson-Franklin

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

FIELD IMAGE



TRIAL INFORMATION	
Location	Ridgeville
Previous Crop	Canola
Soil Texture	Clay Loams
Tillage	Conventional Tillage
Planting Date	April 26, 2021
Variety	Prosper
Row Spacing	7.5"
Seeding Rate	120 lbs/ac
Fertilizer (N-P-K-S)	120N 40P 10K
Harvest Date	August 13, 2021

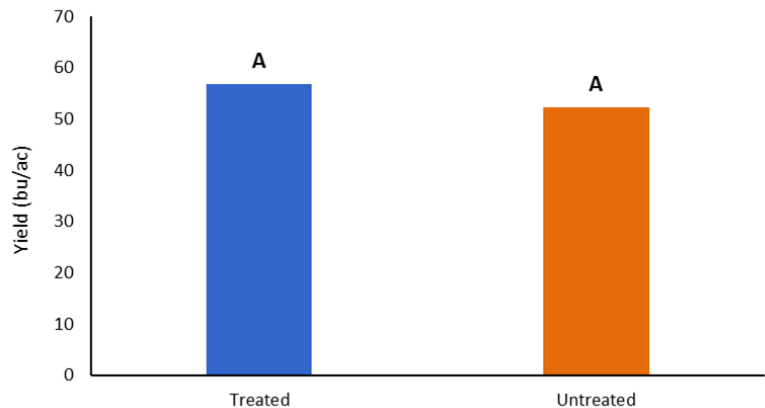
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	21	26	43	28	117
Normal	56	82	81	43	261

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

WHEAT RESPONSE				
	Plant Stand/ft ²	Protein	TWT (kg/hL)	Falling Number
Treated	21 ^A	12.7	76	362
Untreated	19 ^A	12.6	77	370

OVERALL YIELD	
	Mean (bu/ac)
Treated	56.9 ^A
Untreated	52.4 ^A
Difference	4.5
P-Value	0.2197
CV	7.65%
Significance	No

YIELD BY TREATMENT



Summary: There was no significant yield difference between the seed treatment and the untreated check. There was no significant difference in plant stand due to the use of seed treatment. Rainfall was well 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.



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