

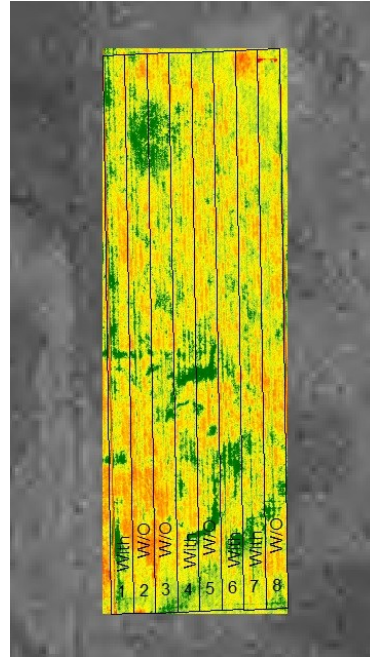


## Wheat Seed Treatment

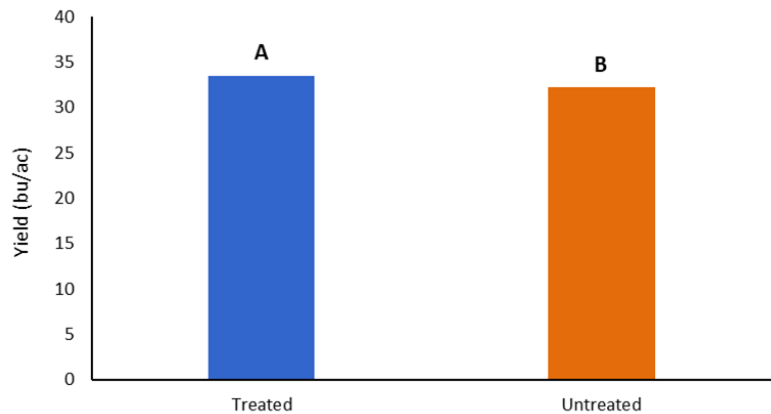
Trial ID: 2021-WST06 — R.M. of MacDonald

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

### FIELD IMAGE



### YIELD BY TREATMENT



**Summary:** There was a 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.

### TRIAL INFORMATION

Location	Osborne
Previous Crop	Soybeans
Soil Texture	Clay
Tillage	Minimal Tillage
Planting Date	May 01, 2021
Variety	Faller
Row Spacing	10"
Seeding Rate	170 lbs/ac
Fertilizer (N-P-K-S)	152N 35P
Harvest Date	August 06, 2021

### PRECIPITATION†

	May	June	July	Aug	Total
Rainfall	67	57	8	23	156
Normal	47	96	75	38	256

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

### WHEAT RESPONSE

	Plant Stand/ft <sup>2</sup>	Protein	TWT (kg/hL)	Falling Number
Treated	25 <sup>A</sup>	14.6	77	362
Untreated	31 <sup>A</sup>	15.3	78	360

### OVERALL YIELD

	Mean (bu/ac)
Treated	33.5 <sup>A</sup>
Untreated	32.3 <sup>B</sup>
Difference	1.2
P-Value	0.0006
CV	0.35%
Significance	Yes



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**MANITOBA  
CROP  
ALLIANCE**

Phone: 204-745-6661  
Website: [mbcropalliance.ca](http://mbcropalliance.ca)  
Email: [hello@mbcropalliance.ca](mailto:hello@mbcropalliance.ca)