

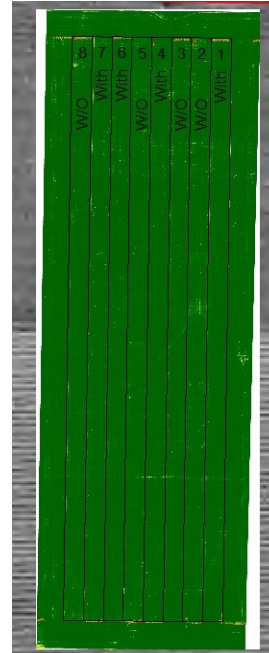


Wheat Seed Treatment

Trial ID: 2021-WST08 — R.M. of Dauphin

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

FIELD IMAGE



TRIAL INFORMATION	
Location	Riding Mountain
Previous Crop	Peas
Soil Texture	Clay
Tillage	Zero Tillage
Planting Date	May 12, 2021
Variety	AAC Viewfield
Row Spacing	10"
Seeding Rate	125 lbs/ac
Fertilizer (N-P-K-S)	131N 50P 20K
Harvest Date	August 31, 2021

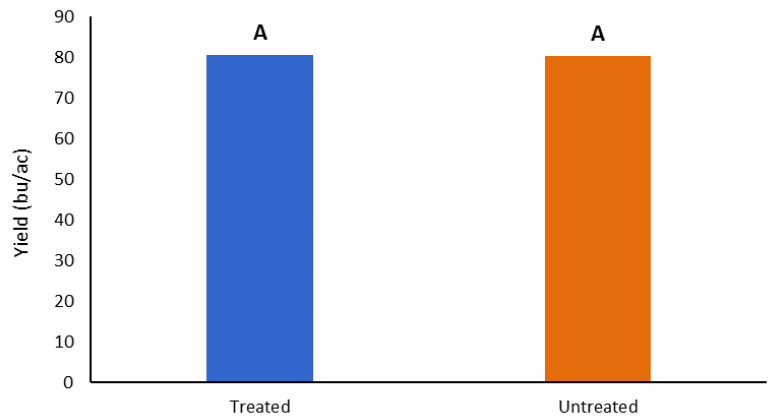
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	29	91	30	13	163
Normal	53	81	68	48	250

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

WHEAT RESPONSE				
	Plant Stand/ft ²	Protein	TWT (kg/hL)	Falling Number
Treated	30 ^A	13.4	81	292
Untreated	29 ^A	12.9	80	320

OVERALL YIELD	
	Mean (bu/ac)
Treated	80.6 ^A
Untreated	80.0 ^A
Difference	0.6
P-Value	0.2244
CV	0.67%
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 below normal throughout the growing season.



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