

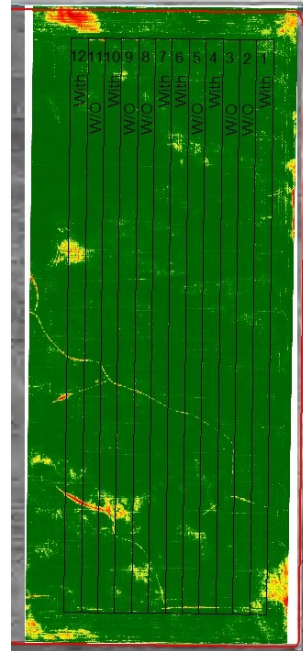


Wheat Seed Treatment

Trial ID: 2021-WST07 — 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	Dauphin
Previous Crop	Soybeans
Soil Texture	Clay
Tillage	Zero Tillage
Planting Date	May 12, 2021
Variety	SY Gabbro
Row Spacing	10"
Seeding Rate	110 lbs/ac
Fertilizer (N-P-K-S)	123N 44P 11S 1%Zn
Harvest Date	August 31, 2021

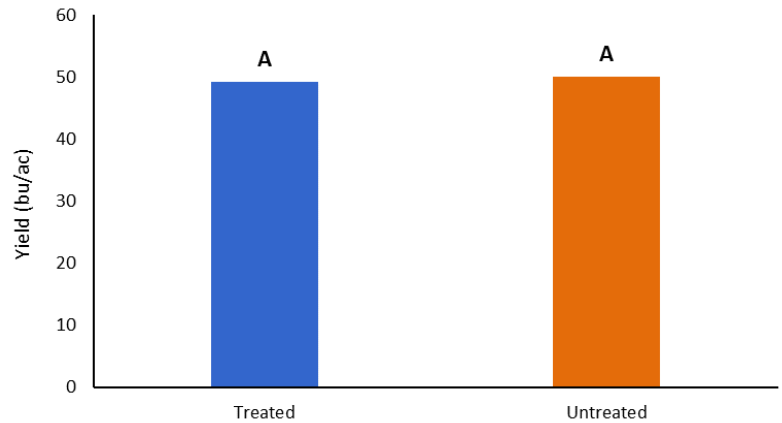
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	24	71	30	8	132
Normal	53	80	68	49	250

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

WHEAT RESPONSE				
	Plant Stand/ft ²	Protein	TWT (kg/hL)	Falling Number
Treated	20 ^A	14.4	75	174
Untreated	20 ^A	15.0	76	180

OVERALL YIELD	
	Mean (bu/ac)
Treated	49.2 ^A
Untreated	50.0 ^A
Difference	-0.8
P-Value	0.3843
CV	2.74%
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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