

## Wheat Seed Treatment

## Trial ID: 2020-WST03 — R.M. of Morris

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

т	RIAL INFORMATION
Location	Sperling
Previous Crop	Canola
Soil Texture	Clay
Tillage	Minimal Tillage
Planting Date	May 01, 2020
Variety	SY Gabbro
Product	Cruiser Vibrance Quatto
Row Spacing	7.5″
Seeding Rate	157 lbs/ac
Fertilizer (N-P-K-S)	136N 75P
Harvest Date	August 18, 2020

PRECIPITATION <sup>+</sup>						
	May	June	July	Aug	Total	
Rainfall	71	83	102	43	298	
Normal	55	83	66	74	279	

+Growing season precipitation (mm)

WHEAT RESPONSE						
	Plant Stand/ft <sup>2</sup>	Protein	TWT (kg/hL)	Falling Number		
Treated	27 <sup>A</sup>	15.4	82	363		
Untreated	28 <sup>A</sup>	15.8	82	366		

OVERALL YIELD				
	Mean (bu/ac)			
Treated	79.4 <sup>A</sup>			
Untreated	78.8 <sup>A</sup>			
Difference	0.6			
P-Value	0.542			
CV	2.06%			
Significance	No			



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. There was minimal lodging observed within the trial. Rainfall was slightly above normal throughout the growing season.



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