

Soybean Seed Treatment Trial

Trial ID: 2018-SST09 - R.M. of Ste. Rose

Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

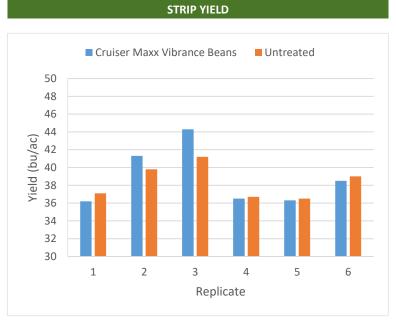
TRIAL INFORMATION				
Treatment	Cruiser Maxx Vibrance Beans			
Rural Municipality	Ste. Rose			
Previous Crop	Canola			
Soil Description	Very Fine Sandy Loam			
Tillage	Conventional			
Planting Date	May 22, 2018			
Variety	Notus R2			
PRR Gene	Rps 1c			
Row Spacing	20"			
Seeding Rate	180,000 seeds/ac			
Plant Stand @V1 (With)	122,000 plants/ac			
Plant Stand @V1 (W/O)	145,000 plants/ac			
Harvest Date	October 12, 2018			
With = Treated, W/O = Untreated, PRR = Phytophthora Root Rot				

NDVI FIELD IMAGE – AUGUST 9, 2018		
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PRECIPITATION [†]					
	May	June	July	u Aug	
Rainfall	44	52	71	14	
Normal	54	87	73	63	

[†] Growing season precipitation (mm)

OVERALL YIELD				
	Mean (bu/ac)			
Cruiser Maxx Vibrance Beans	38.9			
Untreated	38.4			
Yield Difference	0.5			
P-Value	0.4884			
CV	6.7%			
Significance	No			



Summary: There was no significant yield difference between Cruiser Maxx Vibrance Beans seed treatment and untreated check strips. That plant stand at growth stage V1 (first trifoliate) was not significantly difference between treatments, and no early season root disease was observed.

