

Soybean Seed Treatment Trial

Trial ID: 2018-SST03 – R.M. of De Salaberry

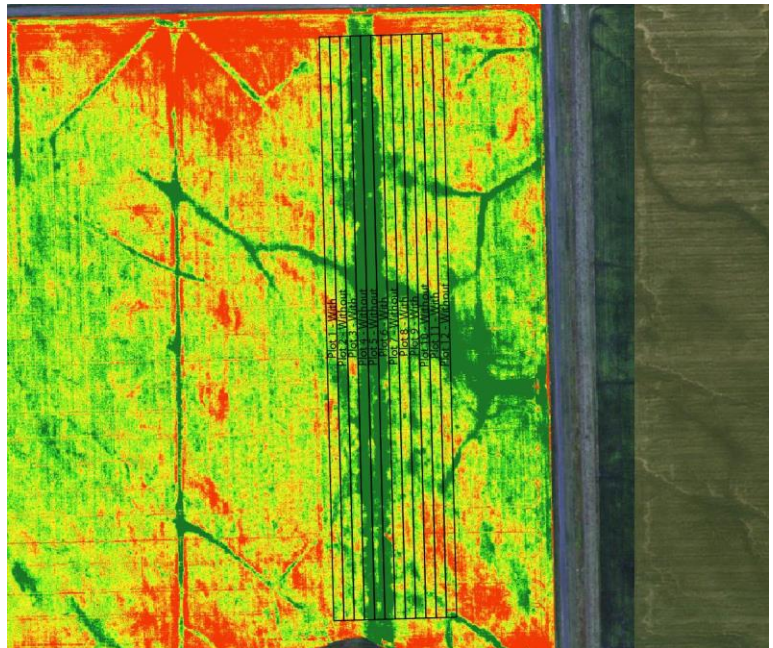
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	Cruiser Maxx Vibrance Beans
Rural Municipality	De Salaberry
Previous Crop	Oats
Soil Description	Clay
Tillage	Conventional
Planting Date	May 8, 2018
Variety	25-10RY
PRR Gene	Rps 1c
Row Spacing	15"
Seeding Rate	175,000 seeds/ac
Plant Stand @V1 (With)	145,000 plants/ac
Plant Stand @V1 (W/O)	141,000 plants/ac
Harvest Date	September 9, 2018

With = Treated, W/O = Untreated, PRR = Phytophthora Root Rot

NDVI FIELD IMAGE – AUGUST 13, 2018



PRECIPITATION†

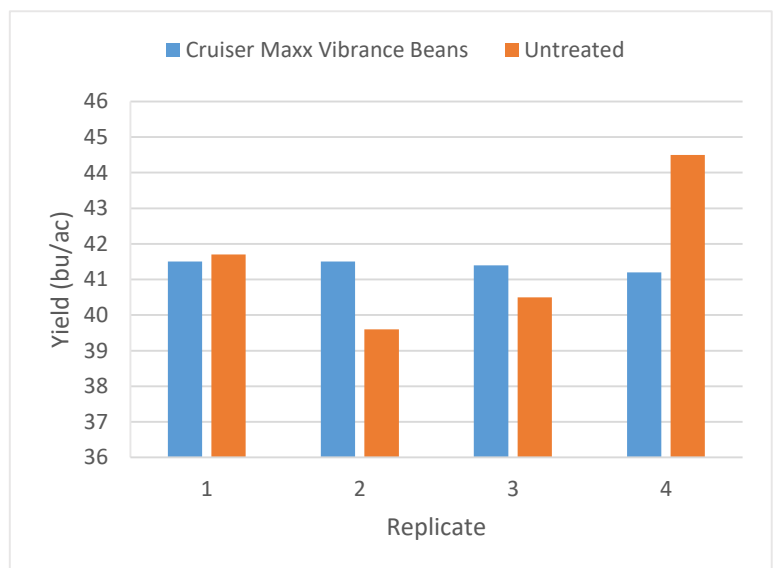
	May	June	July	Aug
Rainfall	45	68	34	39
Normal	53	95	70	52

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
Cruiser Maxx Vibrance Beans	41.4
Untreated	41.6
Yield Difference	- 0.2
P-Value	0.8752
CV	3.4%
Significance	No

STRIP YIELD



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 trifoliolate) was not significantly different between treatments, and no early season root disease was observed.