

## Soybean Seed Treatment Trial

Trial ID: 2018-SST02 – R.M. of Hanover

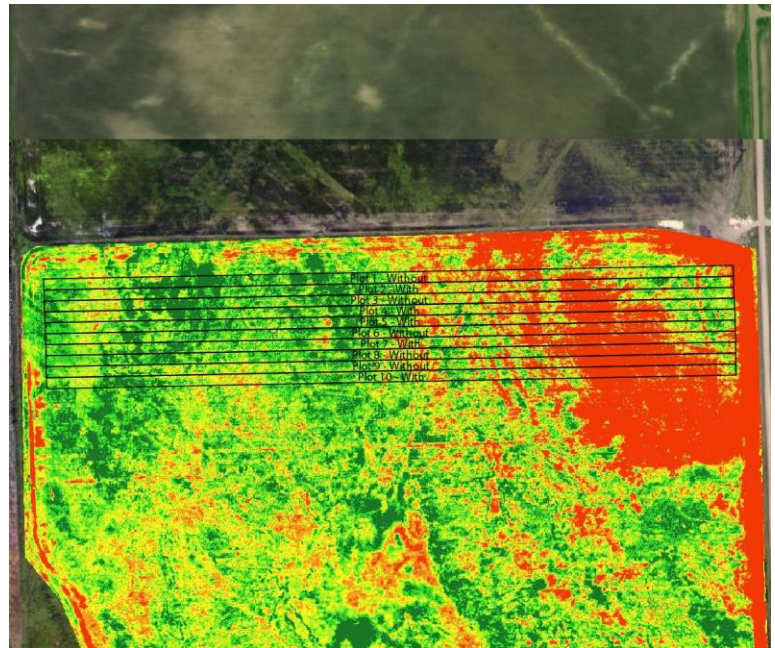
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

### TRIAL INFORMATION

<b>Treatment</b>	Cruiser Maxx Vibrance Beans
<b>Rural Municipality</b>	Hanover
<b>Previous Crop</b>	Corn
<b>Soil Description</b>	Very Fine Sandy Loam
<b>Tillage</b>	Conventional
<b>Planting Date</b>	May 8, 2018
<b>Variety</b>	P007A90R
<b>PRR Gene</b>	Rps 1c
<b>Row Spacing</b>	30"
<b>Seeding Rate</b>	165,000 seeds/ac
<b>Plant Stand @V1 (With)</b>	124,000 plants/ac
<b>Plant Stand @V1 (W/O)</b>	133,000 plants/ac
<b>Harvest Date</b>	September 4, 2018

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

### NDVI FIELD IMAGE – AUGUST 11, 2018



### PRECIPITATION†

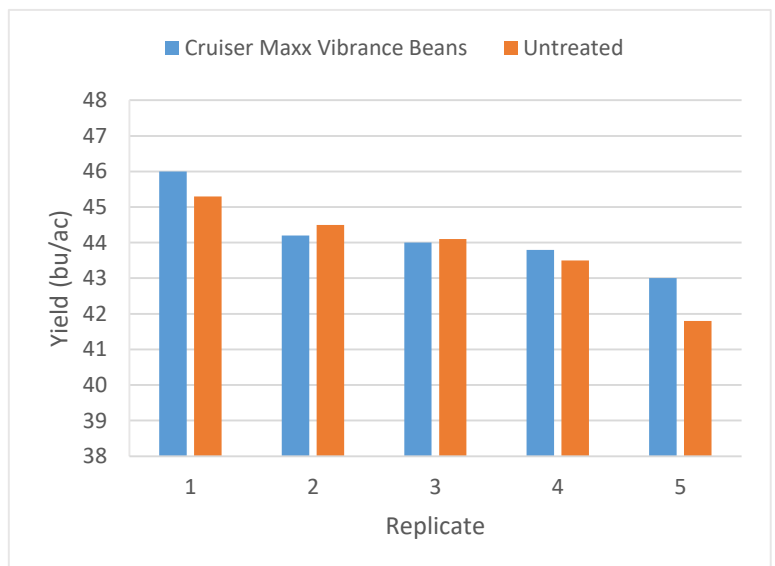
	May	June	July	Aug
<b>Rainfall</b>	41	61	64	54
<b>Normal</b>	58	90	81	72

† Growing season precipitation (mm)

### OVERALL YIELD

	Mean (bu/ac)
<b>Cruise Maxx Vibrance Beans</b>	44.2
<b>Untreated</b>	43.8
<b>Yield Difference</b>	0.4
<b>P-Value</b>	0.2552
<b>CV</b>	2.6%
<b>Significance</b>	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.