

## Soybean Seed Treatment Trial

Trial ID: 2018-SST04 – R.M. of Morris

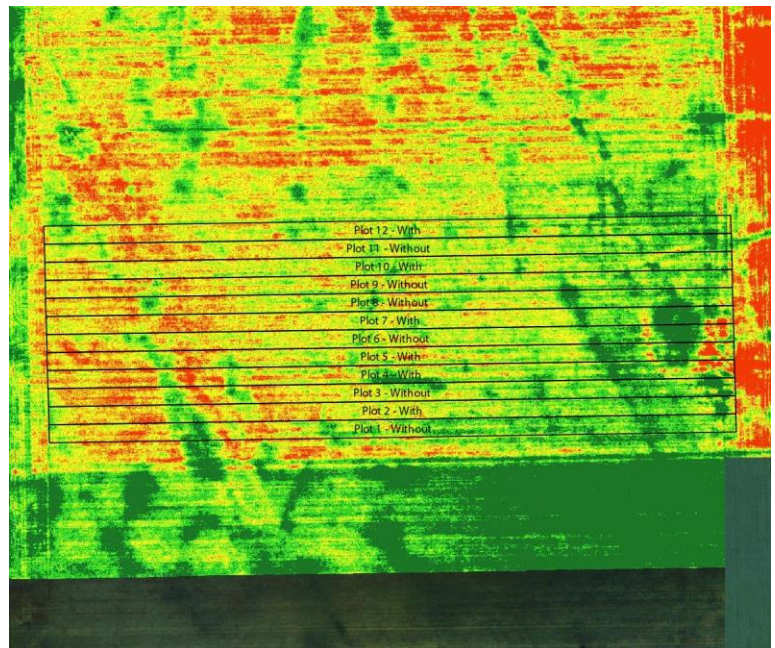
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

### TRIAL INFORMATION

<b>Treatment</b>	Cruiser Maxx Vibrance Beans
<b>Rural Municipality</b>	Morris
<b>Previous Crop</b>	Spring Wheat
<b>Soil Description</b>	Clay
<b>Tillage</b>	Conventional
<b>Planting Date</b>	May 9, 2018
<b>Variety</b>	S008-N2
<b>PRR Gene</b>	---
<b>Row Spacing</b>	15"
<b>Seeding Rate</b>	190,000 seeds/ac
<b>Plant Stand @V1 (With)</b>	139,000 plants/ac
<b>Plant Stand @V1 (W/O)</b>	146,000 plants/ac
<b>Harvest Date</b>	September 19, 2018

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

### NDVI FIELD IMAGE – AUGUST 13, 2018



### PRECIPITATION†

	May	June	July	Aug
<b>Rainfall</b>	28	85	38	27
<b>Normal</b>	54	86	72	65

† Growing season precipitation (mm)

### OVERALL YIELD

	Mean (bu/ac)
<b>Cruiser Maxx Vibrance Beans</b>	28.2
<b>Untreated</b>	29.8
<b>Yield Difference</b>	- 1.6
<b>P-Value</b>	0.0259
<b>CV</b>	5.1%
<b>Significance</b>	Yes

**Summary:** There was a significant yield difference of -1.6 bu/ac 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.

### STRIP YIELD

