

## Soybean Seed Treatment Trial

Trial ID: 2018-SST06 – R.M. of Grey

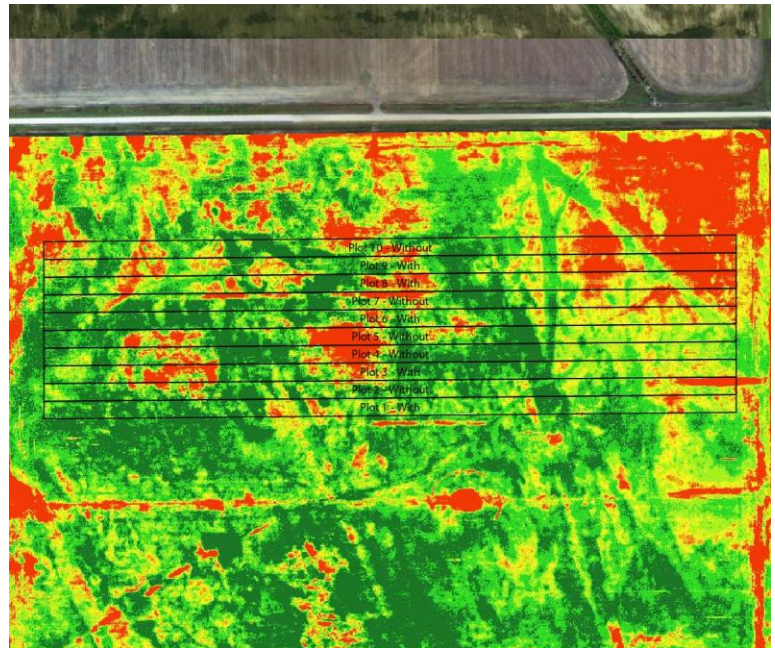
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide seed treatment was compared to an untreated check strip.

### TRIAL INFORMATION

<b>Treatment</b>	EverGol Energy
<b>Rural Municipality</b>	Grey
<b>Previous Crop</b>	Corn
<b>Soil Description</b>	Loamy Fine Sand
<b>Tillage</b>	Conventional
<b>Planting Date</b>	May 17, 2018
<b>Variety</b>	DKB005-52
<b>PRR Gene</b>	Rps 1c
<b>Row Spacing</b>	30"
<b>Seeding Rate</b>	175,000 seeds/ac
<b>Plant Stand @V1 (With)†</b>	145,000 plants/ac
<b>Plant Stand @V1 (W/O)</b>	124,000 plants/ac
<b>Harvest Date</b>	October 17, 2018

† Statistically higher plant stand vs. untreated  
With = Treated, W/O = Untreated, PRR = Phytophthora Root Rot

### NDVI FIELD IMAGE – AUGUST 13, 2018

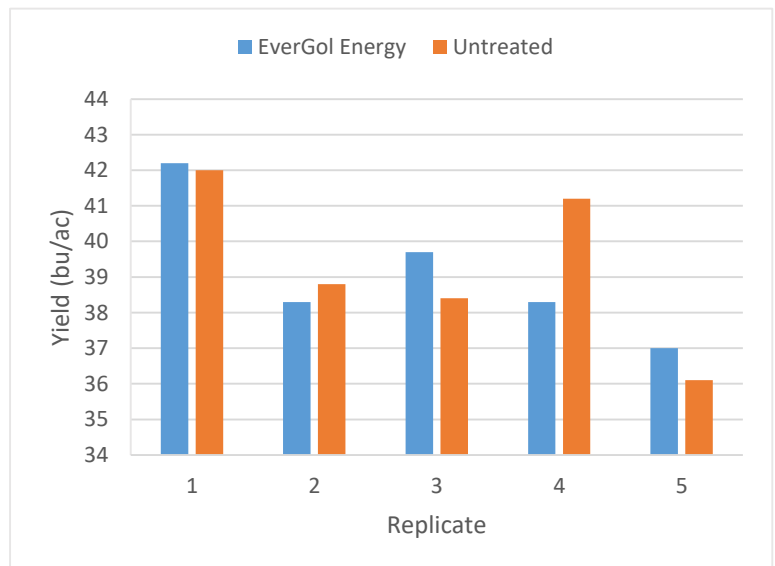


### PRECIPITATION†

	May	June	July	Aug
<b>Rainfall</b>	29	70	41	22
<b>Normal</b>	54	81	66	71

† Growing season precipitation (mm)

### STRIP YIELD



### OVERALL YIELD

	Mean (bu/ac)
<b>EverGol Energy</b>	39.1
<b>Untreated</b>	39.3
<b>Yield Difference</b>	- 0.2
<b>P-Value</b>	0.8007
<b>CV</b>	5.2%
<b>Significance</b>	No

**Summary:** There was no significant yield difference between EverGol Energy seed treatment and untreated check strips. That plant stand at growth stage V1 (first trifoliolate) was significantly higher for soybeans treated with EverGol Energy, and no early season root disease was observed.