

## Soybean Seed Treatment Trial

Trial ID: 2018-SST01 – R.M. of Grey

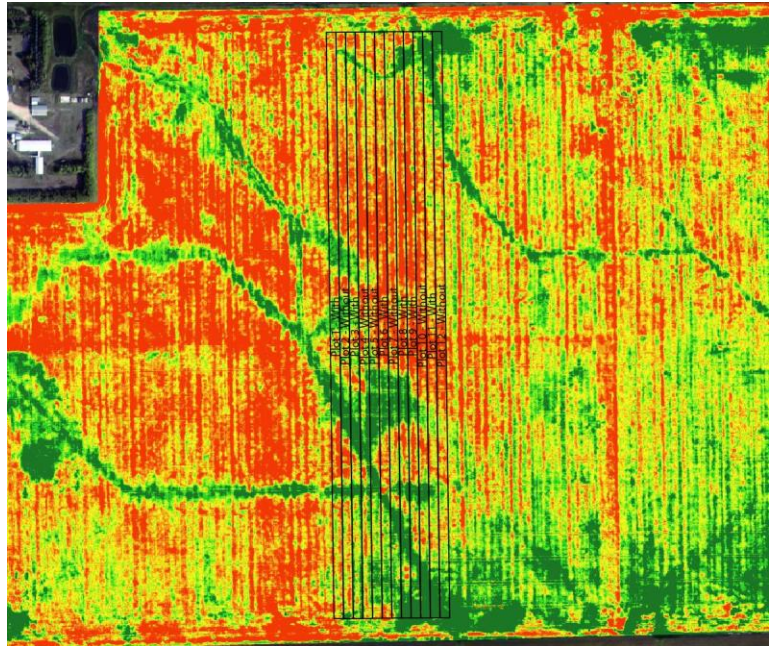
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide seed treatment was compared to an untreated check strip.

### TRIAL INFORMATION

Treatment	EverGol Energy
Rural Municipality	Grey
Previous Crop	Winter Wheat
Soil Description	Clay
Tillage	Conventional
Planting Date	May 8, 2018
Variety	24-10RY
PRR Gene	Rps 1k
Row Spacing	20"
Seeding Rate	160,000 seeds/ac
Plant Stand @V1 (With)	146,000 plants/ac
Plant Stand @V1 (W/O)	143,000 plants/ca
Harvest Date	September 19, 2018

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

### NDVI FIELD IMAGE – AUGUST 13, 2018



### PRECIPITATION†

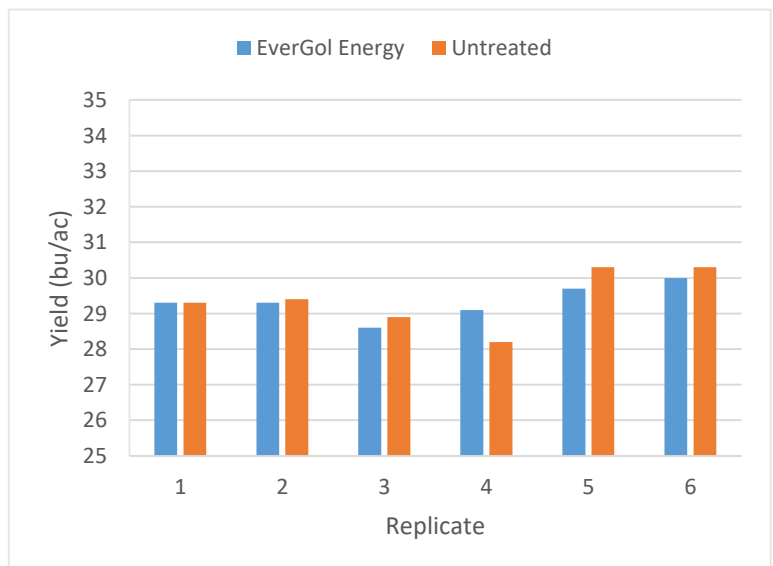
	May	June	July	Aug
Rainfall	29	70	41	22
Normal	54	81	66	71

† Growing season precipitation (mm)

### OVERALL YIELD

	Mean (bu/ac)
EverGol Energy	29.3
Untreated	29.4
Yield Difference	-0.1
P-Value	0.7646
CV	2.2%
Significance	No

### STRIP YIELD



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