

Soybean Seed Treatment Trial

Trial ID: 2018-SST05 – R.M. of St. Clements

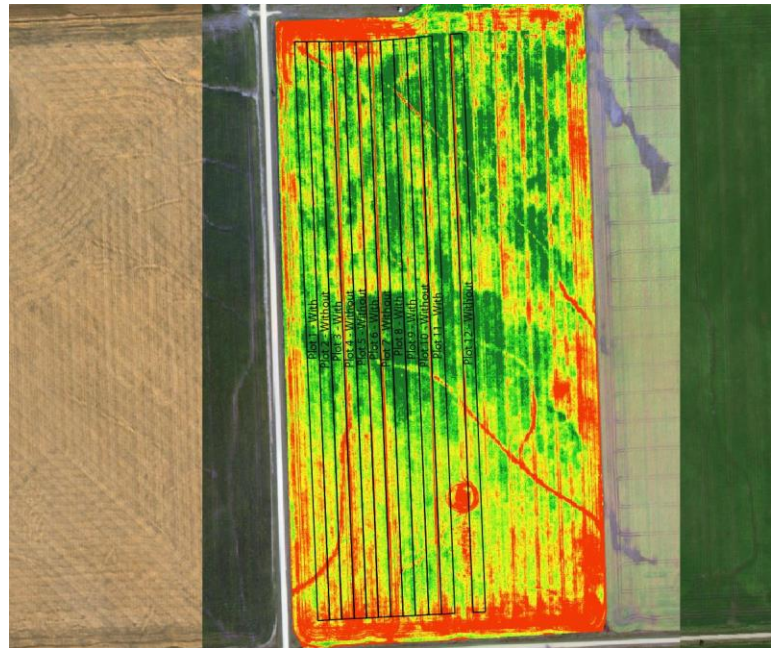
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy
Rural Municipality	St. Clements
Previous Crop	Spring Wheat
Soil Description	Clay
Tillage	Conventional
Planting Date	May 14, 2018
Variety	24-10RY
PRR Gene	Rps 1k
Row Spacing	10"
Seeding Rate	183,000 seeds/ac
Plant Stand @V1 (With)	147,000 plants/ac
Plant Stand @V1 (W/O)	172,000 plants/ac
Harvest Date	September 30, 2018

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

NDVI FIELD IMAGE – AUGUST 13, 2018



PRECIPITATION†

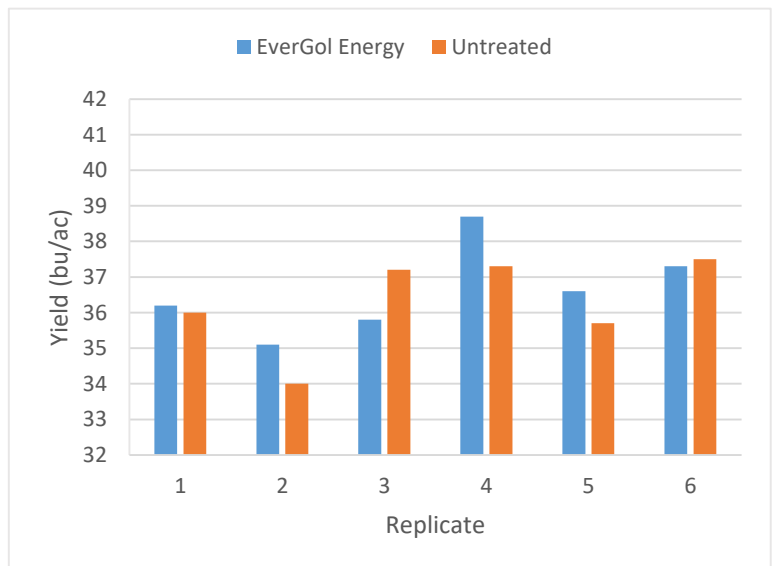
	May	June	July	Aug
Rainfall	53	120	25	45
Normal	54	90	73	73

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
EverGol Energy	36.6
Untreated	36.3
Yield Difference	0.3
P-Value	0.4658
CV	3.4%
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.