

Soybean Seed Treatment Trial

Trial ID: 2016-SST01 – R.M. of Ste Anne

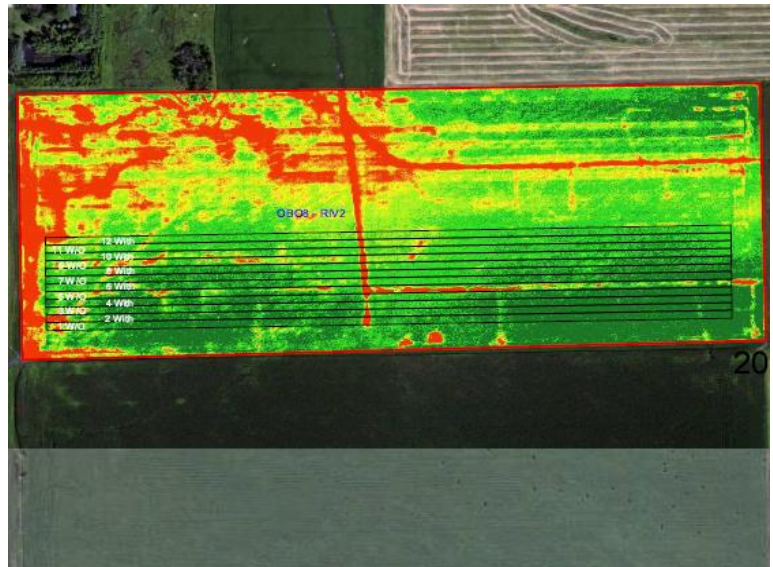
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy
Rural Municipality	Ste Anne
Previous Crop	Corn
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 9, 2016
Variety	NSC Richer RR2Y
PRR Gene	1c
Row Spacing	30"
Seeding Rate	170,000 seeds/ac
Plant Stand @V1 (With)	139,000 plants/ac [‡]
Plant Stand @V1 (W/O)	121,000 plants/ac
Harvest Date	September 23, 2016

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

FIELD IMAGE – AUG. 17 (GROWTH STAGE R5.5)



PRECIPITATION[†]

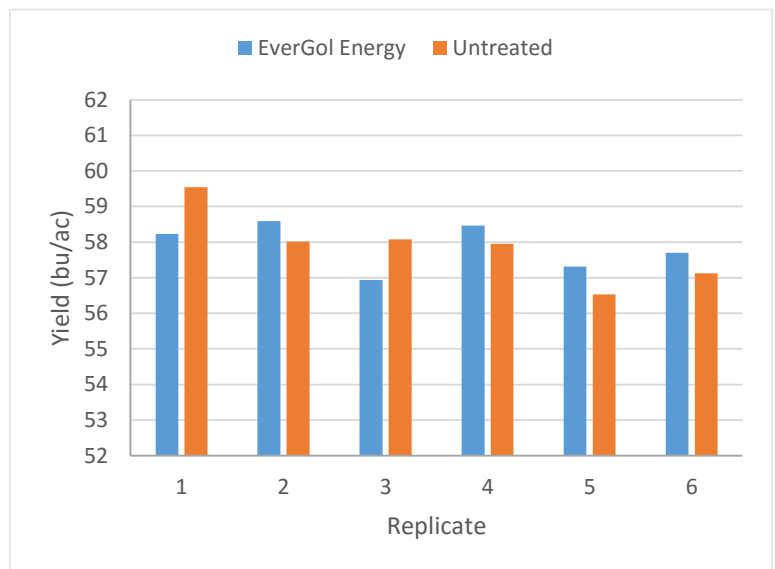
	May	June	July	Aug
Rainfall	40	103	75	38
Normal	83	105	95	83

[†] Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
EverGol Energy	57.9
Untreated	57.9
Yield Difference	0.0
P-Value	1.000
CV	1.4%
Significance	No

STRIP YIELD



Summary: There was no significant yield difference between EverGol Energy seed treatment and untreated check strips. The plant stand at growth stage V1 (first trifoliolate) was significantly higher by 18,000 plants/ac for soybeans treated with EverGol Energy compared to untreated soybean seed. The higher survivability for soybeans treated with EverGol Energy did not result in a yield response.