

Evaluation of Seed Treatment in Soybeans

Trial ID: 2017-SST02 – R.M. of Brokenhead

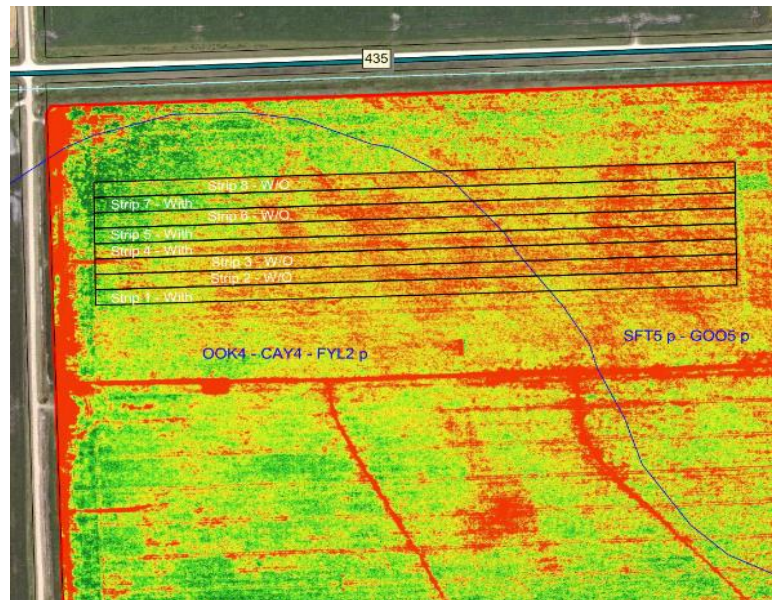
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy
Rural Municipality	Brokenhead
Previous Crop	Oats
Soil Description	Shallow Organic Forest Peat
Tillage	Deep Tillage 1x
Planting Date	May 15, 2017
Variety	LS 003R24N
PRR Gene	1c, 1k
Row Spacing	10"
Seeding Rate	190,000 seeds/ac
Plant Stand @V1 (With)	166,000 plants/ac
Plant Stand @V1 (W/O)	170,000 plants/ac
Harvest Date	October 4, 2017

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

FIELD IMAGE



PRECIPITATION†

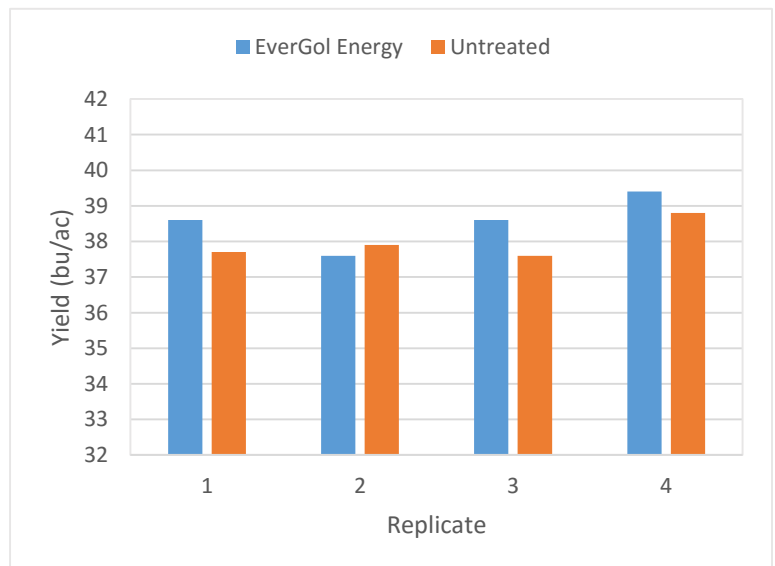
	May	June	July	Aug
Rainfall	22.4	51.3	74.8	42.3
Normal	55	87.5	87.1	76.3

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
EverGol Energy	38.6
Untreated	38.0
Yield Difference	0.6
P-Value	0.1599
CV	1.7%
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 trifoliate) was not significantly different between treatments.