

Evaluation of Seed Treatment in Soybeans

Trial ID: 2017-SST08 – R.M. of Brokenhead

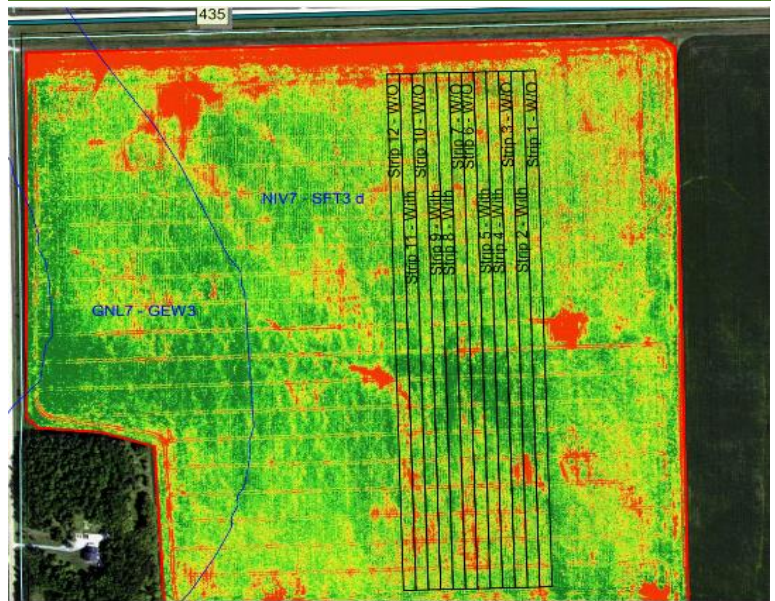
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy
Rural Municipality	Brokenhead
Previous Crop	Spring Wheat
Soil Description	Loamy/Clayey Lacustrine
Tillage	Cultivate 1x
Planting Date	May 18, 2017
Variety	24-10RY
PRR Gene	1k
Row Spacing	10"
Seeding Rate	180,000 seeds/ac
Plant Stand @V1 (With)	166,000 plants/ac
Plant Stand @V1 (W/O)	171,000 plants/ac
Harvest Date	October 12, 2017

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

FIELD IMAGE



PRECIPITATION†

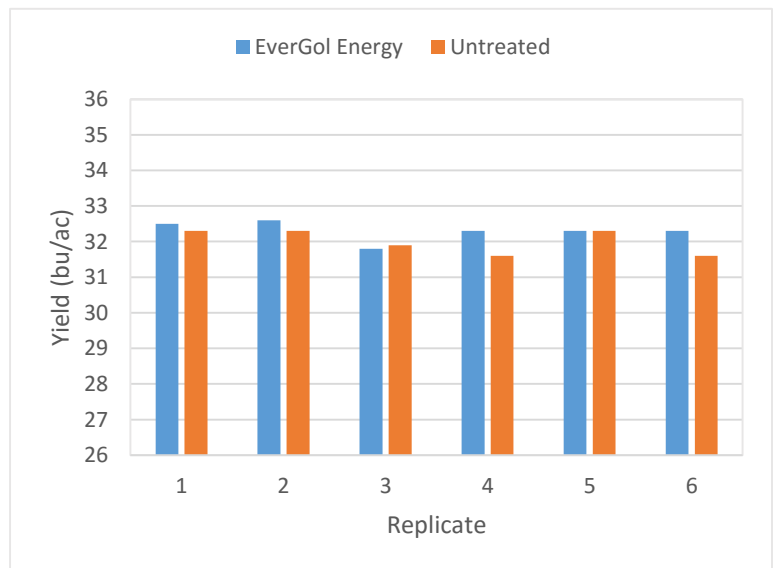
	May	June	July	Aug
Rainfall	22.5	48.8	72.2	38.3
Normal	55.0	87.5	87.1	76.3

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
EverGol Energy	32.3
Untreated	32.0
Yield Difference	0.3
P-Value	0.0834
CV	1.0%
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.