

Soybean Seed Treatment Trial

Trial ID: 2016-SST04 – R.M. of St Andrews

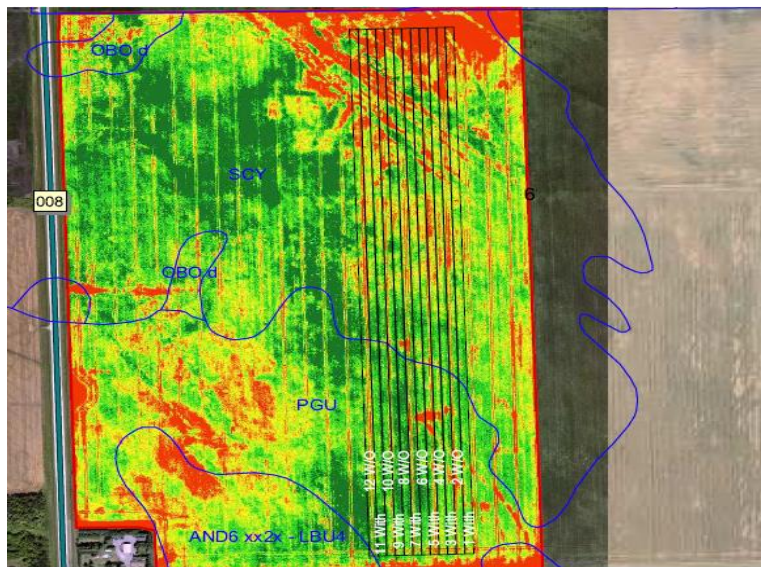
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy + Stress Shield
Rural Municipality	St Andrews
Previous Crop	Winter Wheat
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 22, 2016
Variety	Dekalb 24-10RY
PRR Gene	1k
Row Spacing	10"
Seeding Rate	195,000 seeds/ac
Plant Stand @V1 (With)	150,000 plants/ac
Plant Stand @V1 (W/O)	140,000 plants/ac
Harvest Date	October 1, 2016

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

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



PRECIPITATION†

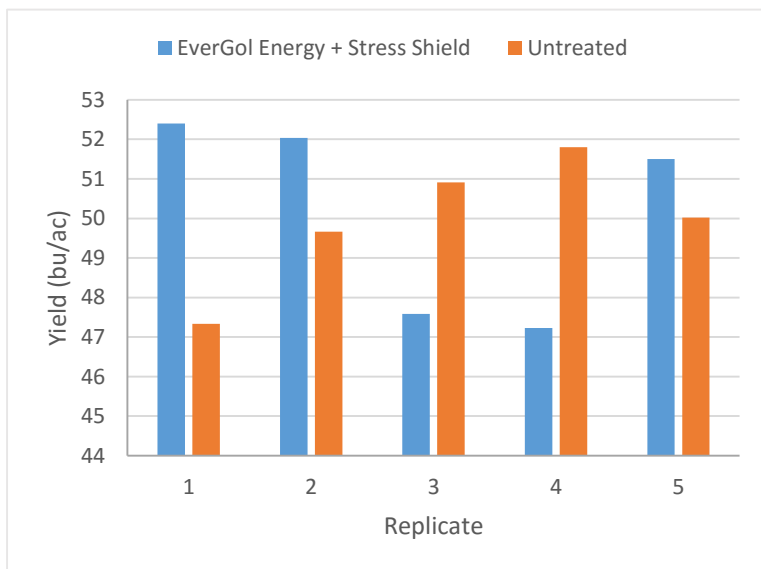
	May	June	July	Aug
Rainfall	73	108	58	43
Normal	48	75	70	78

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
EverGol Energy + Stress Shield	50.1
Untreated	49.9
Yield Difference	0.2
P-Value	0.9173
CV	4.1%
Significance	No

STRIP YIELD



Summary: There was no significant yield difference between EverGol Energy + Stress Shield seed treatment and untreated check strips. The plant stand at growth stage V1 (first trifoliolate) was not significantly different between treatments.