

## Soybean Seed Treatment Trial

Trial ID: 2015-SST04 – R.M. of St Clements

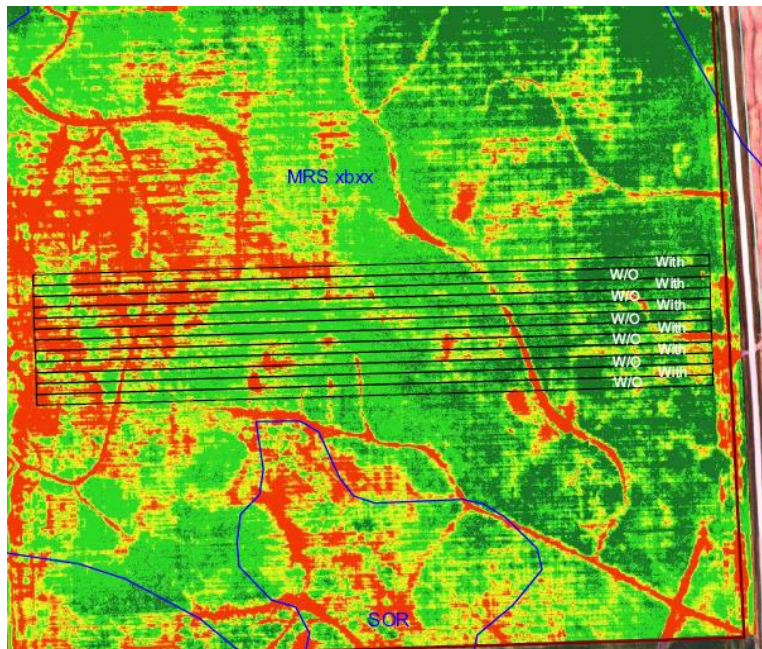
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

### TRIAL INFORMATION

<b>Treatment</b>	EverGol Energy + Stress Shield
<b>Rural Municipality</b>	St Clements
<b>Previous Crop</b>	Spring Wheat
<b>Soil Description</b>	Clayey Lacustrine
<b>Tillage</b>	Conventional
<b>Planting Date</b>	May 5, 2015
<b>Variety</b>	LS 004R21
<b>PRR Gene</b>	1c
<b>Row Spacing</b>	15"
<b>Seeding Rate</b>	180,000 seeds/ac
<b>Plant Stand @V1 (With)</b>	161,000 plants/ac
<b>Plant Stand @V1 (W/O)</b>	170,000 plants/ac
<b>Harvest Date</b>	September 26, 2015

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

### NDVI FIELD IMAGE – AUG. 19 (GROWTH STAGE R6)



### PRECIPITATION†

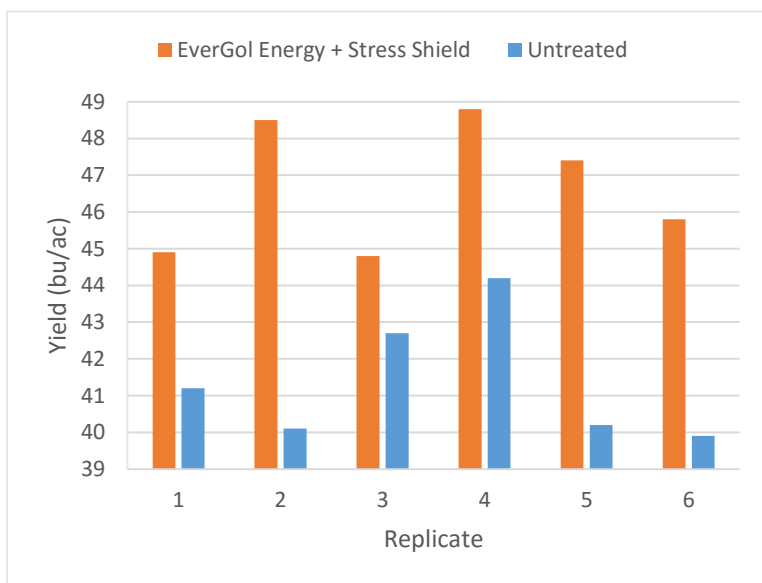
	May	June	July	Aug
<b>Rainfall</b>	60	62.5	82.5	157.5
<b>Normal</b>	55	87.5	87.1	76.3

† Growing season precipitation (mm)

### OVERALL YIELD

	Mean (bu/ac)
<b>EverGol Energy + Stress Shield</b>	46.7
<b>Untreated</b>	41.4
<b>Yield Difference</b>	5.3
<b>P-Value</b>	0.0025
<b>CV</b>	7.4%
<b>Significance</b>	Yes

### STRIP YIELD



**Summary:** There was a significant yield difference of 5.3 bu/ac between EverGol Energy + Stress Shield seed treatment and untreated check strips.