

## Soybean Seed Treatment Trial

Trial ID: 2015-SST09 – R.M. of De Salaberry

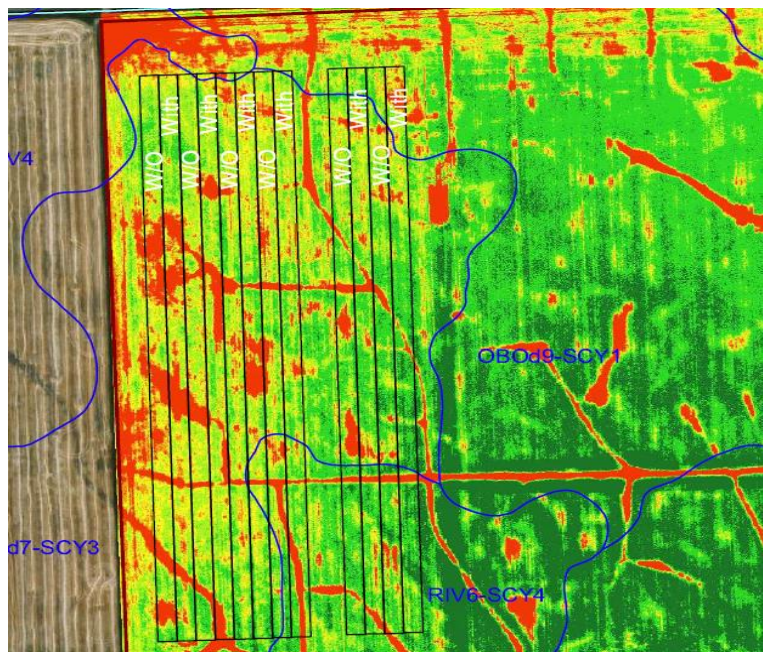
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip..

### TRIAL INFORMATION

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Treatment</b>              | EverGol Energy + Stress Shield |
| <b>Rural Municipality</b>     | De Salaberry                   |
| <b>Previous Crop</b>          | Soybeans                       |
| <b>Soil Description</b>       | Clayey Lacustrine              |
| <b>Tillage</b>                | Conventional                   |
| <b>Planting Date</b>          | May 6, 2015                    |
| <b>Variety</b>                | NSC Richer RR2Y                |
| <b>PRR Gene</b>               | 1c                             |
| <b>Row Spacing</b>            | 20"                            |
| <b>Seeding Rate</b>           | 175,000 seeds/ac               |
| <b>Plant Stand @V1 (With)</b> | 125,000 plants/ac              |
| <b>Plant Stand @V1 (W/O)</b>  | 132,000 plants/ac              |
| <b>Harvest Date</b>           | September 20, 2015             |

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

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



### PRECIPITATION†

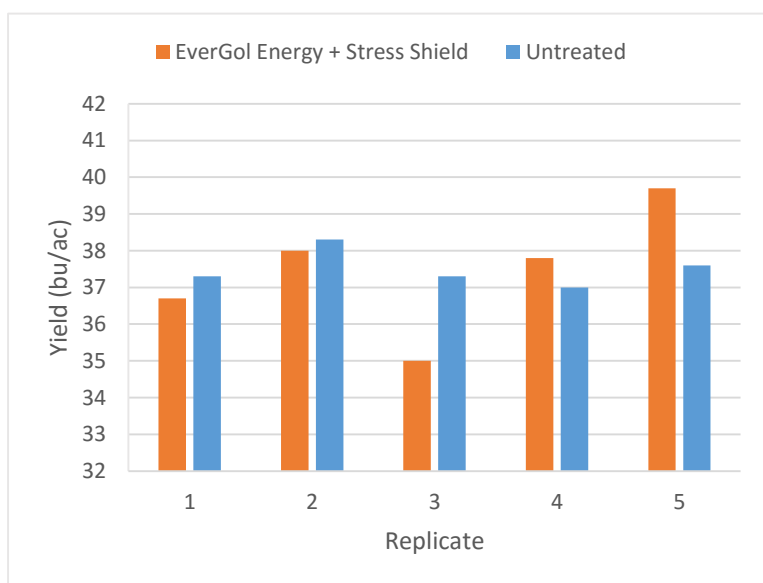
|                 | May  | June  | July  | Aug  |
|-----------------|------|-------|-------|------|
| <b>Rainfall</b> | 75   | 112.5 | 192.5 | 37.5 |
| <b>Normal</b>   | 67.6 | 101.8 | 85.6  | 83.9 |

† Growing season precipitation (mm)

### OVERALL YIELD

|                                       | Mean (bu/ac) |
|---------------------------------------|--------------|
| <b>EverGol Energy + Stress Shield</b> | 37.4         |
| <b>Untreated</b>                      | 37.5         |
| <b>Yield Difference</b>               | -0.1         |
| <b>P-Value</b>                        | 0.9388       |
| <b>CV</b>                             | 3.2%         |
| <b>Significance</b>                   | <b>No</b>    |

### STRIP YIELD



**Summary:** There was no significant yield difference between EverGol Energy + Stress Shield seed treatment and untreated check strips.