Soybean Seed Treatment Trial

Trial ID: 2015-SST02 – R.M. of St Andrews

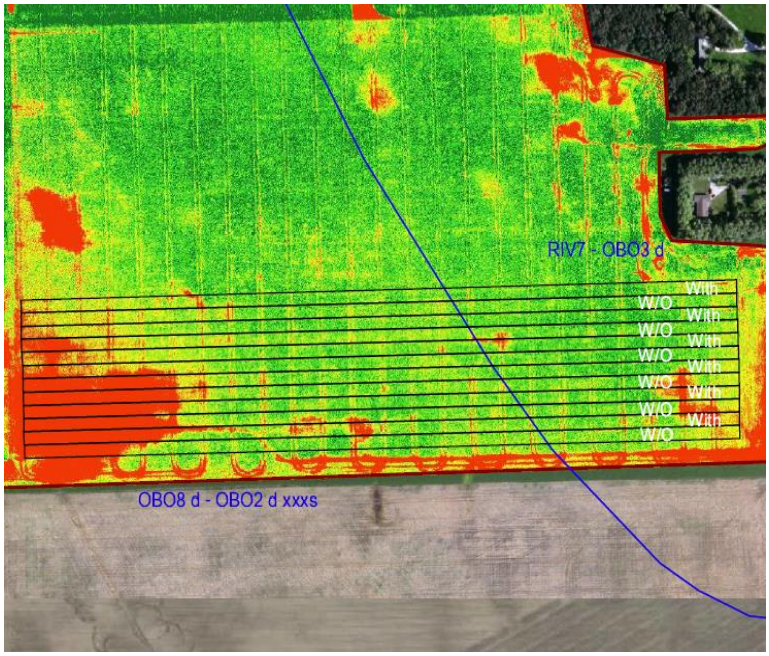
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy + Stress Shield
Rural Municipality	St Andrews
Previous Crop	Spring Wheat
Soil Description	Clayey Lacustrine
Tillage	Zero Tillage
Planting Date	May 5, 2015
Variety	S007-Y4
PRR Gene	1c
Row Spacing	30”
Seeding Rate	165,000 seeds/ac
Plant Stand @V1 (With)	138,000 plants/ac
Plant Stand @V1 (W/O)	133,000 plants/ac
Harvest Date	September 24, 2015

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

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

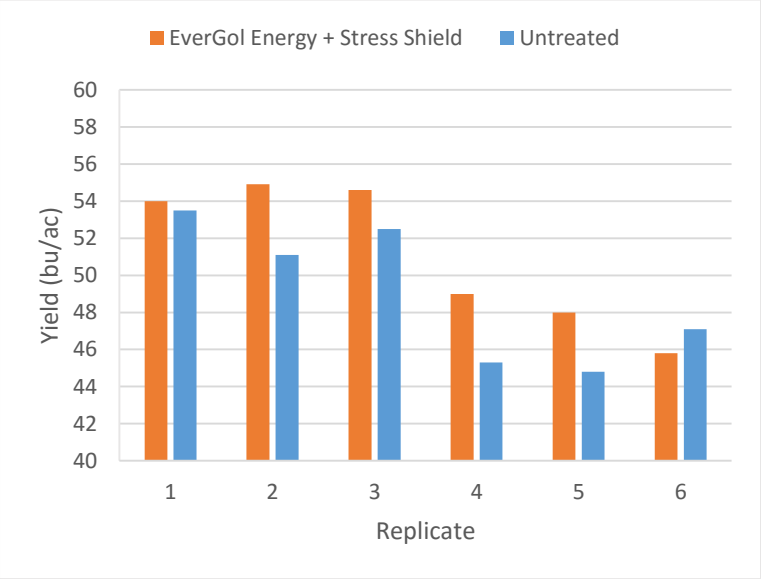


PRECIPITATION[ł]

	May	June	July	Aug
Rainfall	120	77.5	60	265
Normal	54.1	90	79.5	77

ł Growing season precipitation (mm)

STRIP YIELD



OVERALL YIELD

	Mean (bu/ac)
EverGol Energy + Stress Shield	51.1
Untreated	49.1
Yield Difference	2.0
P-Value	0.0611
CV	7.6%
Significance	**No**

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

MPSG would like to thank Bayer for providing the seed treatment for this trial and Tone Ag Consulting for conducting the research

T 204 745.6488
www.manitobapulse.ca