Soybean Seed Treatment Trial

Trial ID: 2015-SST05 – R.M. of Morris

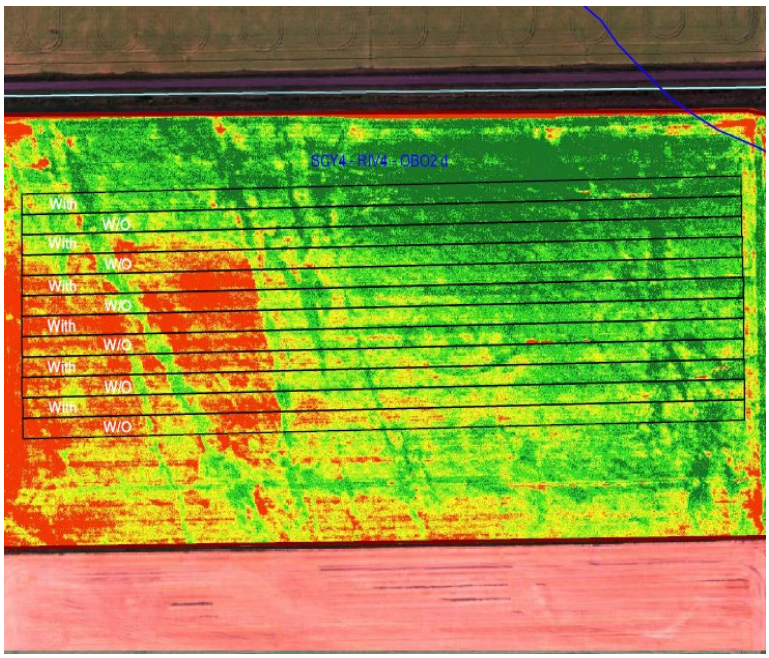
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	EverGol Energy + Stress Shield
Rural Municipality	Morris
Previous Crop	Oats
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 5, 2015
Variety	NSC Richer RR2Y
PRR Gene	1c
Row Spacing	10”
Seeding Rate	197,000 seeds/ac
Plant Stand @V1 (With)	185,000 plants/ac
Plant Stand @V1 (W/O)	169,000 plants/ac
Harvest Date	September 19, 2015

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

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

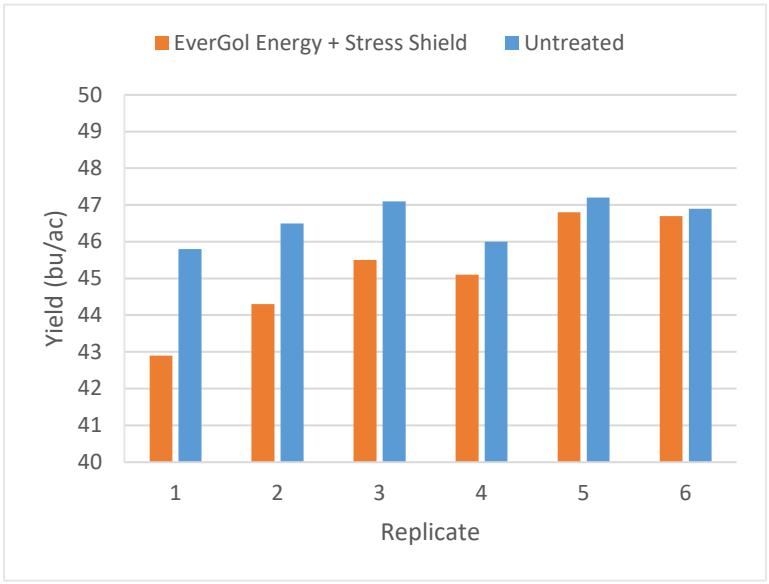


PRECIPITATIONǂ

	May	June	July	Aug
Rainfall	75	80	50	165
Normal	67.6	101.8	85.6	83.9

ǂ Growing season precipitation (mm)

STRIP YIELD



OVERALL YIELD

	Mean (bu/ac)
EverGol Energy + Stress Shield	45.2
Untreated	46.6
Yield Difference	-1.4
P-Value	0.0779
CV	2.8%
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

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