Soybean Seed Treatment Trial

Trial ID: 2016-SST08 – R.M. of Woodlands

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

TRIAL INFORMATION	
Treatment	1. EverGol Energy + Stress Shield 2. Untreated 3. EverGol Energy
Rural Municipality	Woodlands
Previous Crop	Winter Wheat
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 20, 2016
Variety	McLeod R2
PRR Gene	---
Row Spacing	10”
Seeding Rate	230,000 seeds/ac
Plant Stand @V1 (EG)	205,000 plants/ac
Plant Stand @V1 (EGSS)	194,000 plants/ac
Plant Stand @V1 (W/O)	184,000 plants/ac
Harvest Date	September 20, 2016

PRR = Phytophthora Root Rot

PRECIPITATIONǂ

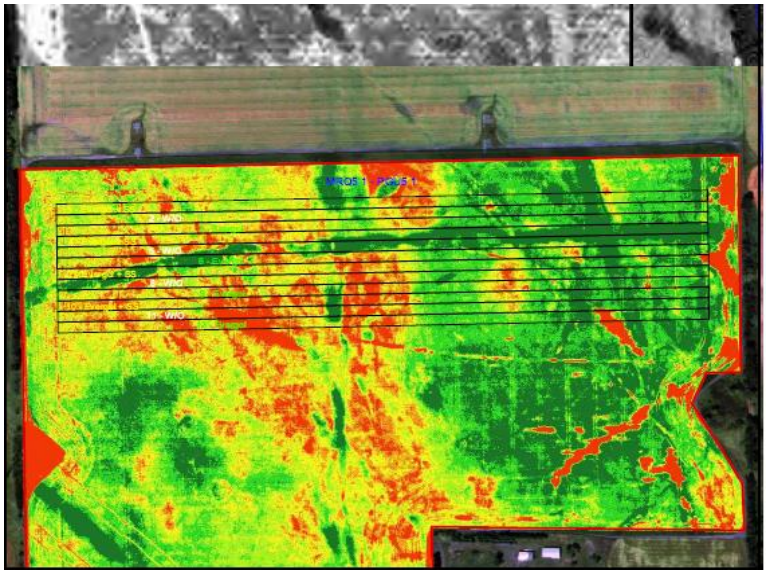
	May	June	July	Aug
Rainfall	68	95	68	45
Normal	60	95	75	68

ǂ Growing season precipitation (mm)

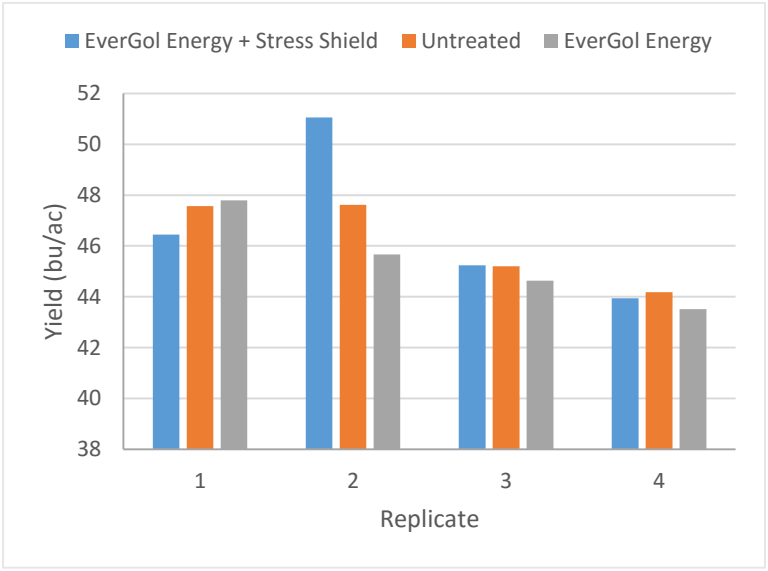
OVERALL YIELD

	Mean (bu/ac)
EverGol Energy + Stress Shield	46.6
EverGol Energy	45.4
Untreated	46.2
P-Value	0.5313
CV	4.7%
Significance	**No**

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



STRIP YIELD



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

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

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