Evaluation of Seed Treatment in Soybeans

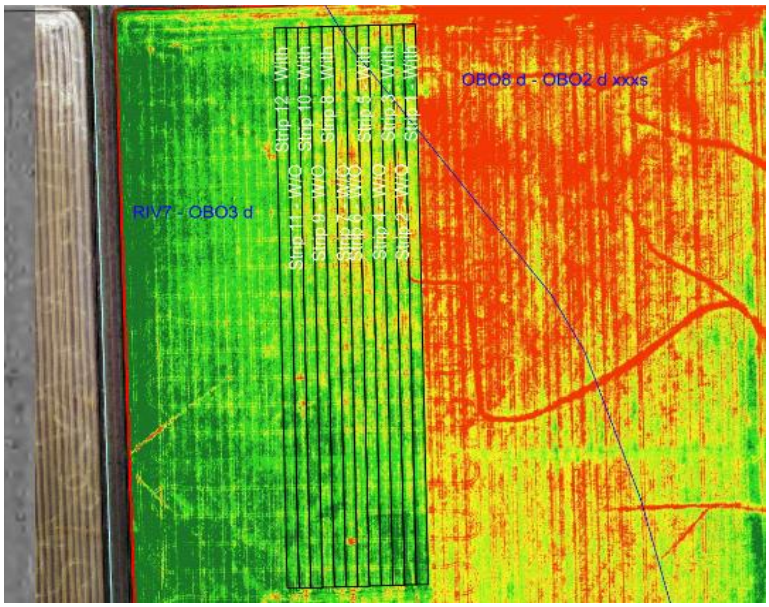
Trial ID: 2017-SST07 – R.M. of Macdonald

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

TRIAL INFORMATION	
Treatment	EverGol Energy
Rural Municipality	Macdonald
Previous Crop	Spring Wheat
Soil Description	Clayey Lacustrine
Tillage	Cultivate 1x
Planting Date	May 12, 2017
Variety	25-10RY
PRR Gene	1c
Row Spacing	20”
Seeding Rate	170,000 seeds/ac
Plant Stand @V1 (With)	94,000 plants/ac
Plant Stand @V1 (W/O)	90,000 plants/ac
Harvest Date	October 2, 2017

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

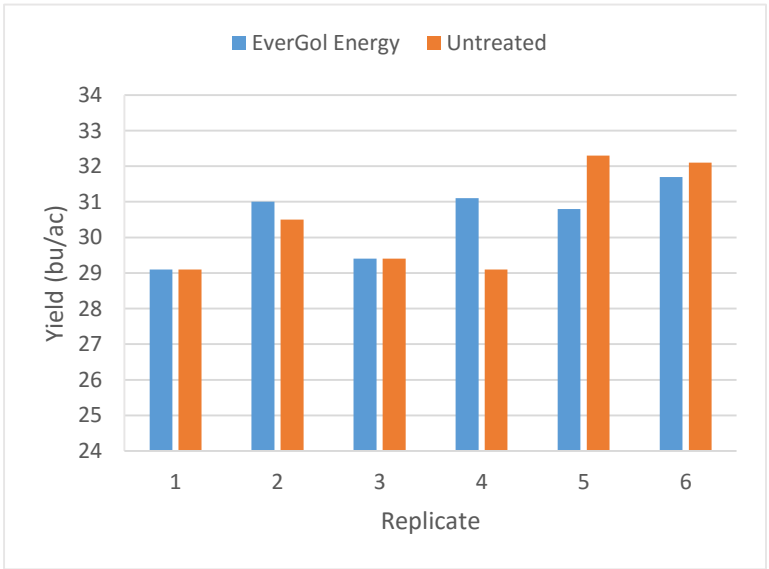
FIELD IMAGE



PRECIPITATIONǂ				
	May	**June**	**July**	**Aug**
Rainfall	27.2	69.2	41.8	15.7
Normal	55.6	98.3	90.8	73.9

ǂ Growing season precipitation (mm)

STRIP YIELD



OVERALL YIELD	
	Mean (bu/ac)
EverGol Energy	30.5
Untreated	30.4
Yield Difference	0.1
P-Value	0.8396
CV	4.0%
Significance	**No**

Summary: There was no significant yield difference between 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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