

## **Evaluation of Seed Treatment in Soybeans**

Trial ID: 2017-SST02 - R.M. of Brokenhead

**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	Brokenhead			
<b>Previous Crop</b>	Oats			
Soil Description	Shallow Organic Forest Peat			
Tillage	Deep Tillage 1x			
Planting Date	May 15, 2017			
Variety	LS 003R24N			
PRR Gene	1c, 1k			
Row Spacing	10"			
Seeding Rate	190,000 seeds/ac			
Plant Stand @V1 (With)	166,000 plants/ac			
Plant Stand @V1 (W/O)	170,000 plants/ac			
Harvest Date	October 4, 2017			

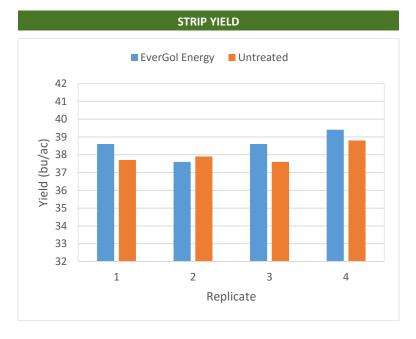
With = Treated, W/O = Untreated, PRR = Phytophthora Root Rot

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PRECIPITATION <sup>†</sup>					
	। । May	June	July	ı Aug	
Rainfall	22.4	51.3	74.8	42.3	
Normal	55	! 87.5	87.1	76.3	

<sup>†</sup> Growing season precipitation (mm)

OVERALL YIELD			
	Mean (bu/ac)		
EverGol Energy	38.6		
Untreated	38.0		
Yield Difference	0.6		
P-Value	0.1599		
CV	1.7%		
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.

