Soybean Seed Treatment Trial

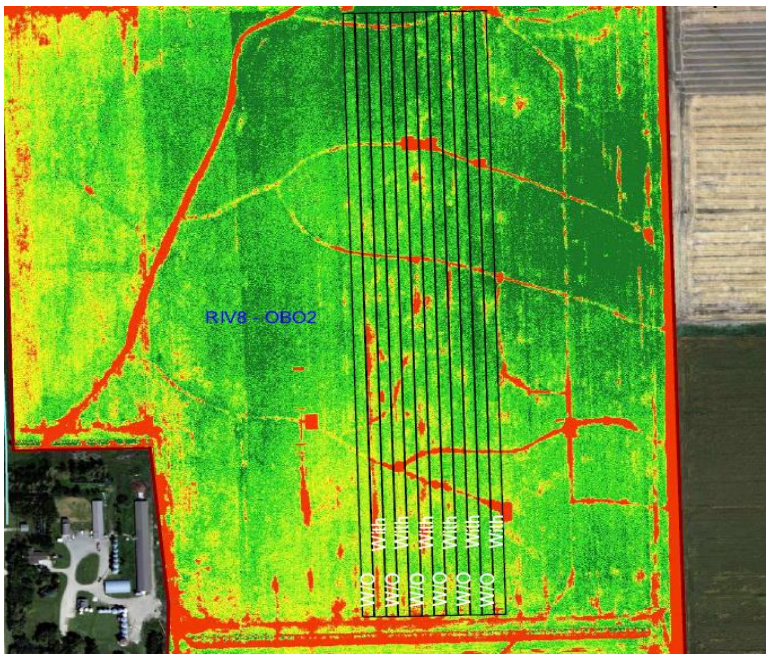
Trial ID: 2015-SST06 – R.M. of Taché

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	Cruiser Maxx Vibrance Beans
Rural Municipality	Taché
Previous Crop	Soybeans
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 25, 2015
Variety	Astro R2
PRR Gene	1k
Row Spacing	30”
Seeding Rate	160,000 seeds/ac
Plant Stand @V1 (With)	148,000 plants/ac
Plant Stand @V1 (W/O)	152,000 plants/ac
Harvest Date	September 29, 2015

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

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

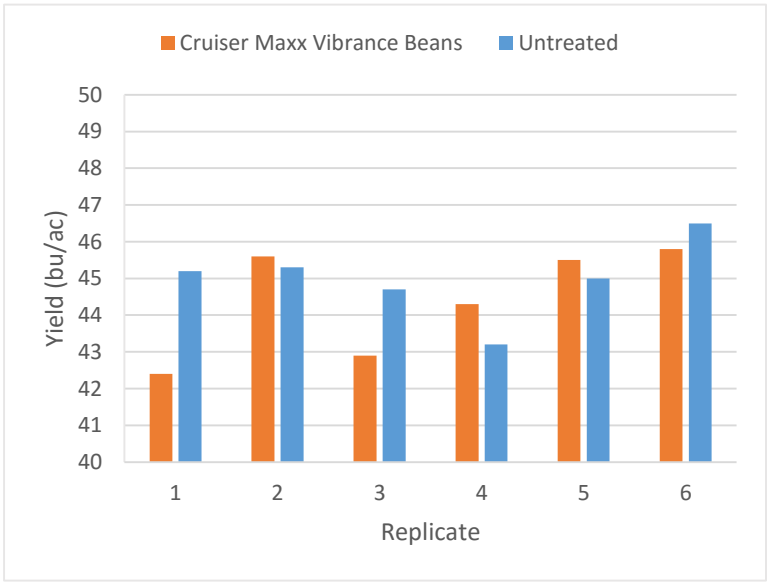


PRECIPITATIONǂ

	May	June	July	Aug
Rainfall	0	105	130	147.5
Normal	67.5	100.1	93.2	73.8

ǂ Growing season precipitation (mm)

STRIP YIELD



OVERALL YIELD

	Mean (bu/ac)
Cruiser Maxx Vibrance Beans	44.4
Untreated	45.0
Yield Difference	-0.6
P-Value	0.3961
CV	2.8%
Significance	**No**

Summary: There was no significant yield difference between Cruiser Maxx Vibrance Beans seed treatment and untreated check strips.

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

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