

## Soybean Seed Treatment Trial

Trial ID: 2016-SST02 – R.M. of Louise

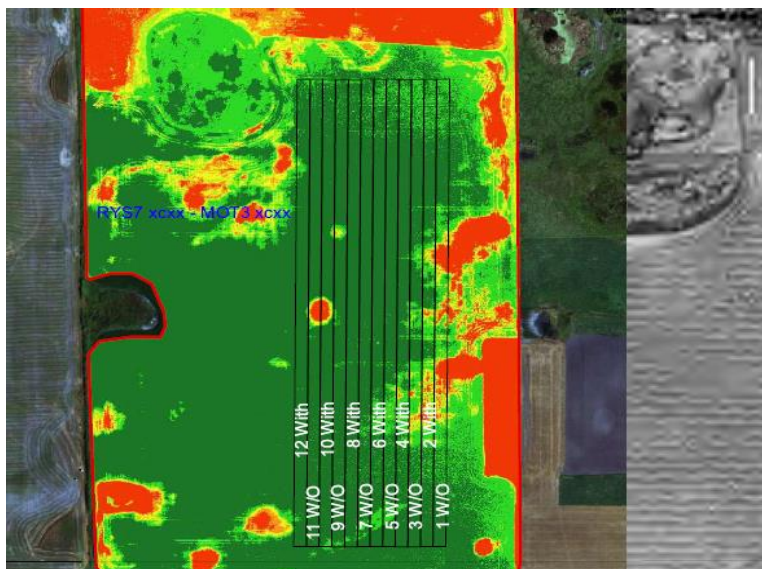
**Objective:** Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

### TRIAL INFORMATION

<b>Treatment</b>	Cruiser Maxx Vibrance Beans
<b>Rural Municipality</b>	Louise
<b>Previous Crop</b>	Wheat
<b>Soil Description</b>	Loamy Till
<b>Tillage</b>	Cultivate/Harrow
<b>Planting Date</b>	May 17, 2016
<b>Variety</b>	P008T70R
<b>PRR Gene</b>	1k
<b>Row Spacing</b>	7.5"
<b>Seeding Rate</b>	185,000 seeds/ac
<b>Plant Stand @V1 (With)</b>	152,000 plants/ac
<b>Plant Stand @V1 (W/O)</b>	148,000 plants/ac
<b>Harvest Date</b>	October 1, 2016

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

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



### PRECIPITATION†

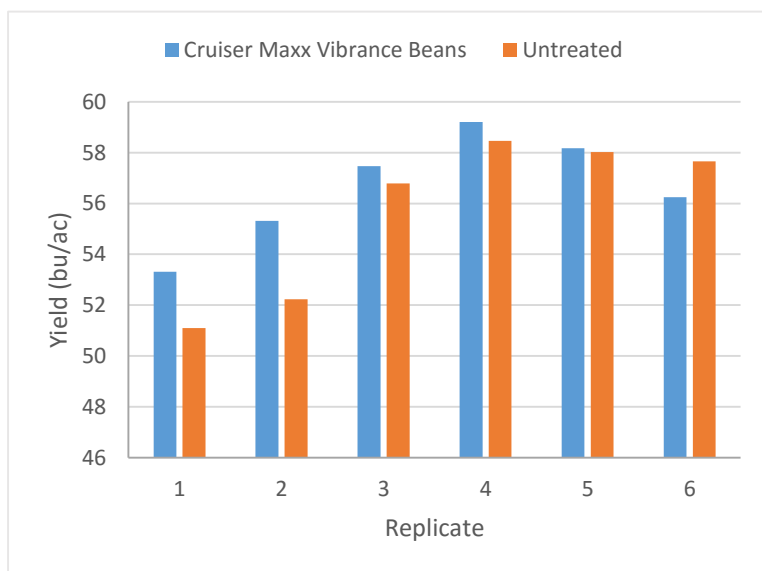
	May	June	July	Aug
<b>Rainfall</b>	98	138	108	48
<b>Normal</b>	75	90	80	70

† Growing season precipitation (mm)

### OVERALL YIELD

	Mean (bu/ac)
<b>Cruiser Maxx Vibrance Beans</b>	56.6
<b>Untreated</b>	55.7
<b>Yield Difference</b>	0.9
<b>P-Value</b>	0.2277
<b>CV</b>	4.7%
<b>Significance</b>	No

### STRIP YIELD



**Summary:** There was no significant yield difference between Cruiser Maxx Vibrance Beans seed treatment and untreated check strips. The plant stand at growth stage V1 (first trifoliolate) was not significantly different between treatments.