

Soybean Seed Treatment Trial

Trial ID: 2015-SST03 – R.M. of Lac du Bonnet

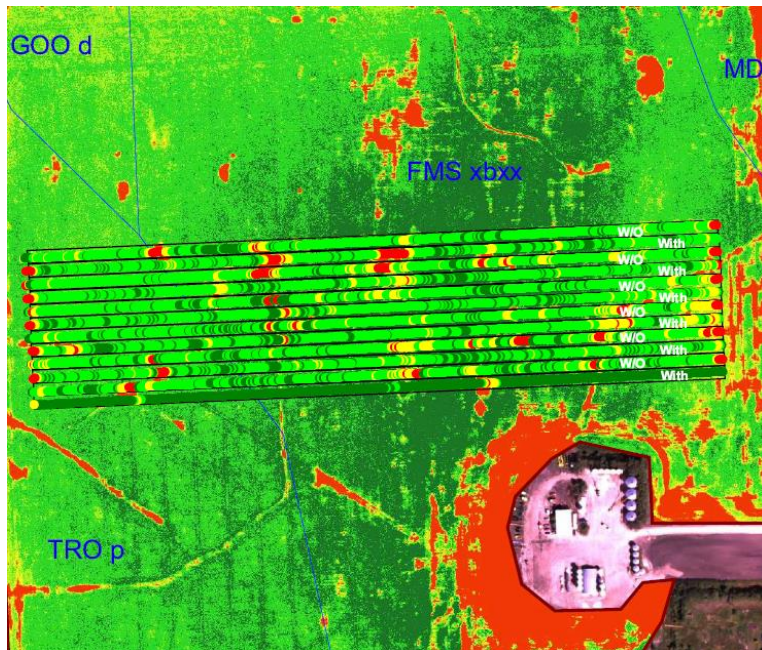
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	Cruiser Maxx Vibrance Beans
Rural Municipality	Lac du Bonnet
Previous Crop	Soybeans
Soil Description	Clayey Lacustrine
Tillage	Vertical Tillage
Planting Date	May 2, 2015
Variety	P008T70R
PRR Gene	1k
Row Spacing	7.5"
Seeding Rate	220,000 seeds/ac
Plant Stand @V1 (With)	188,000 plants/ac
Plant Stand @V1 (W/O)	180,000 plants/ac
Harvest Date	September 23, 2015

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

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



PRECIPITATION†

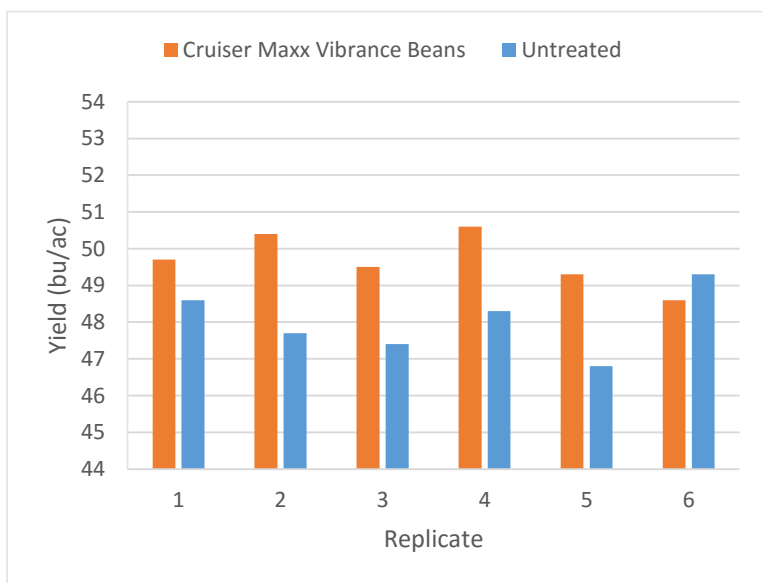
	May	June	July	Aug
Rainfall	37.5	37.5	117.5	97.5
Normal	55	87.5	87.1	76.3

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
Cruiser Maxx Vibrance Beans	49.7
Untreated	48.0
Yield Difference	1.7
P-Value	0.0247
CV	2.4%
Significance	Yes

STRIP YIELD



Summary: There was a significant yield difference of 1.7 bu/ac between Cruiser Maxx Vibrance Beans seed treatment and untreated check strips.