

Soybean Seed Treatment Trial

Trial ID: 2016-SST03 – R.M. of St Clements

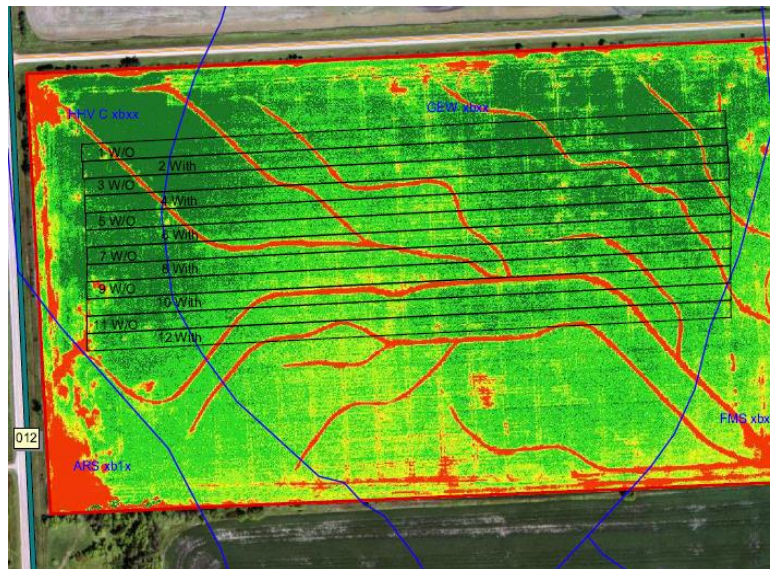
Objective: Quantify the agronomic and economic impacts of a seed treatment in soybean fields. A fungicide and insecticide seed treatment was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	Cruiser Maxx Vibrance Beans
Rural Municipality	St Clements
Previous Crop	Wheat
Soil Description	Sandy Loam Lacustrine
Tillage	Zero Till
Planting Date	May 19, 2016
Variety	HS 006RYS24
PRR Gene	---
Row Spacing	10"
Seeding Rate	220,000 seeds/ac
Plant Stand @V1 (With)	216,000 plants/ac
Plant Stand @V1 (W/O)	218,000 plants/ac
Harvest Date	October 1, 2016

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

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



PRECIPITATION†

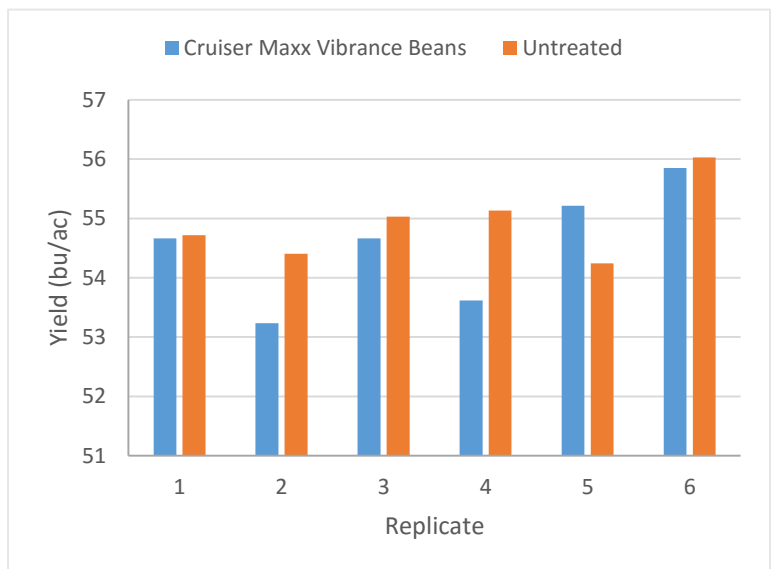
	May	June	July	Aug
Rainfall	30	80	33	68
Normal	58	85	85	75

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
Cruiser Maxx Vibrance Beans	54.5
Untreated	54.9
Yield Difference	-0.4
P-Value	0.3621
CV	1.5%
Significance	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.