Soybean Seed Treatment Trial

Trial ID: 2019SST07 – R.M. of Dauphin

Objective: Quantify the agronomic impacts of seed treatment in soybeans

Summary: Seedling root rot was significantly more severe in untreated soybeans compared to treated soybeans. There was no significant seed yield difference between treated and untreated soybeans.

Trial Information

Treatment	Evergol Energy + Stress Shield
Rural Municipality	Dauphin, RM of
Soil Texture	Silty Loam
Previous Crop	Wheat
Tillage	Conventional
Seeding Date	May 24
Variety	Foote R2
Seeding Rate	210 000 seeds/ac
Row Spacing	10"
Plant Stand @ VC	184 000 plants/ac
Harvest Date	October 25

Precipitation (mm)

	May	June	July	August
Normal	54.3	86.7	73.2	63.3
Rainfall	10.9	60.3	65.6	45.9

Seedling Root Rot Severity†

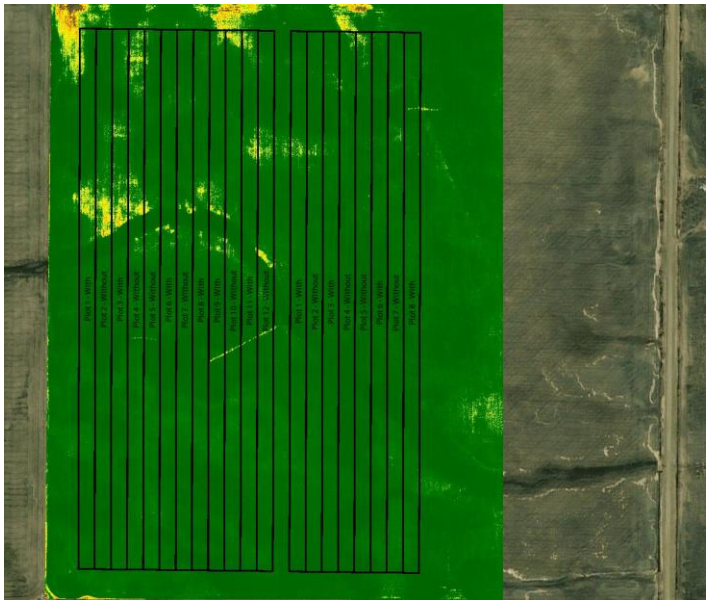
	Severity	Letter Group
Treated	37%	B
Untreated	64%	A

† Severity determined in the lab from seedling plant samples; severity was rated on a scale of 0-6 and converted to a %

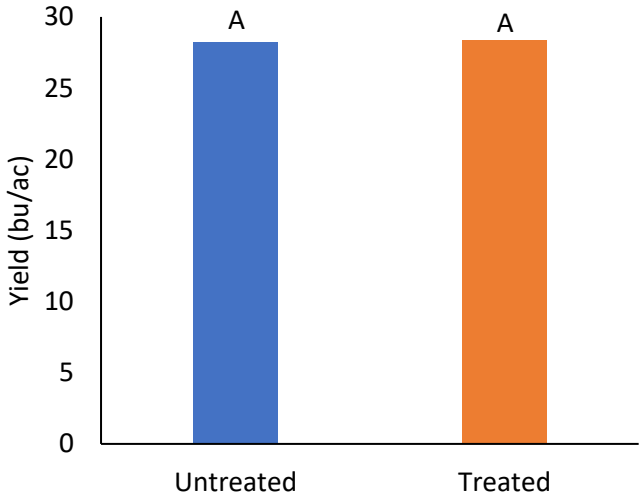
Overall Yield

	Mean (bu/ac)
Treated	28.3
Untreated	28.2
Yield Difference	0.1
P-Value	0.7778
CV	4.6%
Significance	**No**

NDVI Field Image – August 9, 2019



Yield by Treatment



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