Soybean Seed Treatment Trial

Trial ID: 2019SST02 – R.M. of Dauphin

Objective: Quantify the agronomic impacts of seed treatments in soybean

Summary: There was no significant difference in soybean seedling root rot severity or seed yield for any seed treatment compared to untreated soybeans.

Trial Information

Treatment	Evergol, 1x Evergol Energy + Stress Shield, 1x Evergol Energy + Stress Shield + Headsup
Rural Municipality	Dauphin, RM of
Soil Texture	Loamy Clay Loam
Previous Crop	Canola
Tillage	Zero Tillage
Seeding Date	May 15
Variety	Nocoma R2
Seeding Rate	203 000 seeds/ac
Row Spacing	12"
Plant Stand @ VC	137 000 plants/ac
Harvest Date	October 7

Precipitation (mm)

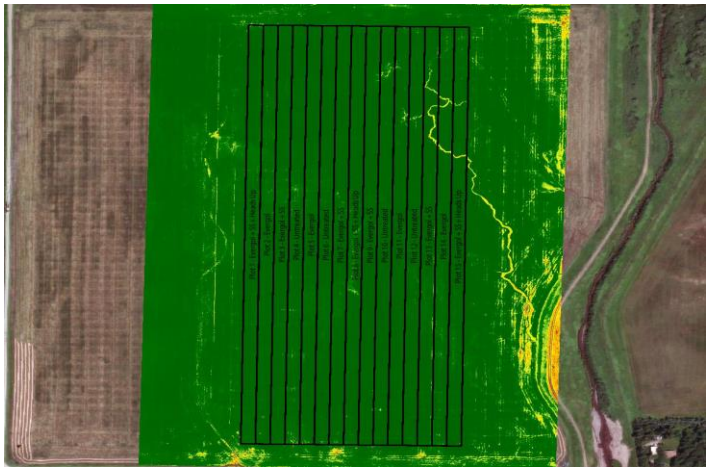
	May	June	July	August
Normal	54.3	86.7	73.2	63.3
Rainfall	10.9	60.3	65.6	45.9

Seedling Root Rot Severity‡

	Severity	Letter Group
Untreated	42%	A
Evergol	27%	A
Evergol + Stress Shield	40%	A
Evergol + Stress Shield + Headsup	39%	A

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

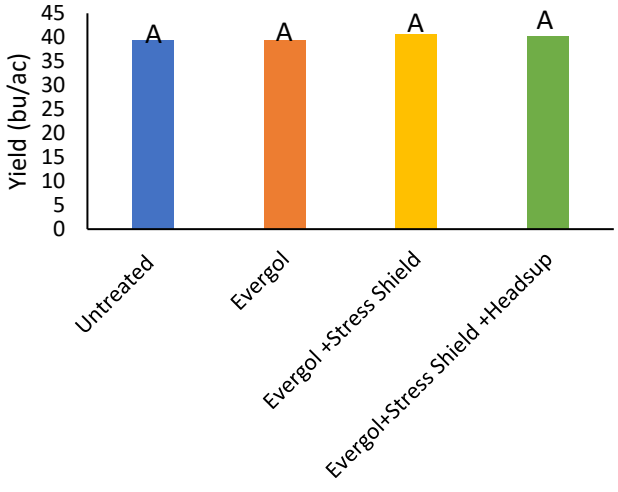
NDVI Field Image – August 9, 2019



Overall Yield

	Mean (bu/ac)
Evergol	39.4
Evergol + Stress Shield	40.7
Evergol + Stress Shield +Headsup	40.2
Untreated	39.3
P-Value	0.1099
CV	2.6%
Significance	**No**

Yield by Treatment



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MANITOBA Pulse Soybean GROWERS
T 204 745.6488
www.manitobapulse.ca