

Soybean Seed Treatment Trial

Trial ID: 2019SST03 – R.M. of Morris

Objective: Quantify the agronomic impacts of seed treatment in soybean

Summary: There was no significant difference in soybean seedling root rot severity or seed yield between treated and untreated soybeans.

Trial Information†

Treatment	1x Evergol Energy
Rural Municipality	Morris, RM of
Soil Texture	Clay
Previous Crop	Wheat
Tillage	Conventional
Seeding Date	May 7
Variety	DKB005-52
Seeding Rate	153 000 seeds/ac
Row Spacing	10"
Plant Stand @ VC	81 000 plants/ac
Harvest Date	October 31

† Poor and uneven emergence at this site-year

NDVI Field Image – August 8, 2019



Precipitation (mm)

	May	June	July	August
Normal	52.6	94.7	69.5	51.7
Rainfall	43.1	34.7	144.3	64.8

Seedling Root Rot Severity†

	Severity	Letter Group
Treated	50%	A
Untreated	51%	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	19.54
Untreated	17.64
Yield Difference	1.9
P-Value	0.1983
CV	13%
Significance	No

Yield by Treatment

