



on-farm network

PARTICIPATORY • PRECISE • PROACTIVE

Soybean Seed Treatment Trial

Trial ID: 2019SST04 – R.M. of Morris

Objective: Quantify the agronomic impacts of seed treatment in soybeans

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

Trial Information

Treatment	1x CruiserMaxx Vibrance
Rural Municipality	Morris, RM of
Soil Texture	Clay
Previous Crop	Wheat
Seeding Date	May 14
Variety	S008-N2
Seeding Rate	180 000 seeds/ac
Row Spacing	15"
Plant Stand @ V1	203 000 plants/ac
Harvest Date	October 30

Precipitation (mm)

	May	June	July	August
Normal	53.6	86.4	71.9	65.4
Rainfall	32.1	50.6	74.8	49.6

Seedling Root Rot Severity†

	Severity	Letter Group
Treated	37%	A
Untreated	49%	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	23.5
Untreated	22.3
Yield Difference	1.2
P-Value	0.3177
CV	15%
Significance	No

NDVI Field Image – August 8, 2019



Yield by Treatment

