



on-farm network
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Soybean Fungicide Trial

Trial ID: 2019-SF06 – R.M. of Morris

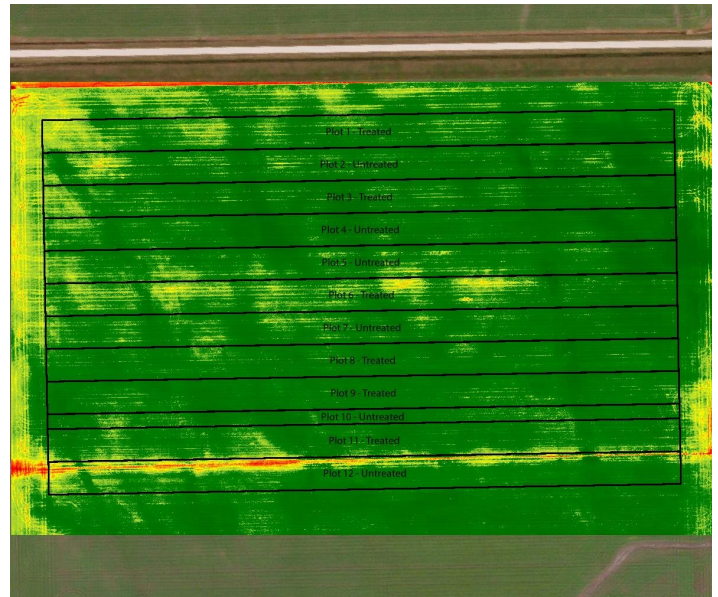
Objective: Quantify the agronomic impacts of a single fungicide application in soybean

Summary: There was no significant yield difference between soybeans with a fungicide application and soybeans without.

Trial Information

Treatment	Cotegra
Application Timing	R2
Application Date	July 12
Application Rate	280 ml/ac
Application Method	Ground
Rural Municipality	Morris, RM of
Soil Texture	Clay
Previous Crop	Wheat
Tillage	Conventional
Seeding Date	43599
Variety	25-10RY
Seeding Rate	180 000 seeds/ac
Row Spacing	15"
Plant Stand @ R3	157 000 plants/ac
Harvest Date	October 30

NDVI Field Image – August 8, 2019



Summary of Disease Rating (R3) †

	Frogeye		Septoria Brown Spot		White Mold	
	UN	TRT	UN	TRT	UN	TRT
Incidence	0%	3%	100%	85%	0%	0%
Severity	n/a	n/a	1.7	1.67	0.0	0.0

† Frogeye (presence/absence) Septoria Brown Spot 0 – 5 rating scale, White Mold 0 – 3 rating scale

Precipitation (mm)

	May	June	July	August
Normal	51.2	72.8	74.4	67.5
Rainfall	38	109.7	106.2	58.9

Overall Yield

	Mean (bu/ac)
Treated	22.6
Untreated	22.6
Yield Difference	0
P-Value	0.8981
CV	11.8%
Significance	No

Yield by Treatment

