



on-farm network
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Soybean Fungicide Trial

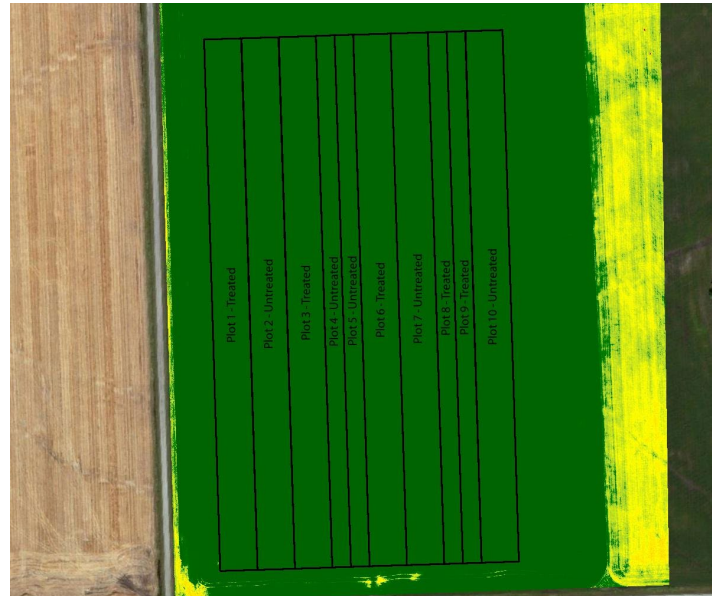
Trial ID: 2019-SF07 – R.M. of Brokenhead

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

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

Trial Information

Treatment	Priaxor
Application Timing	R2
Application Date	July 15
Application Rate	180 ml/ac
Application Method	Ground
Rural Municipality	Brokenhead, RM of
Soil Texture	Clay Loam
Previous Crop	Wheat
Tillage	Conventional
Seeding Date	May 17
Variety	LS 0036RR
Seeding Rate	349 000 seeds/ac
Row Spacing	10"
Plant Stand @ R4	283 000 plants/ac
Harvest Date	October 8



Summary of Disease Rating (R4) †

	Frogeye		Septoria Brown Spot		White Mold	
	UN	TRT	UN	TRT	UN	TRT
Incidence	0%	0%	88%	58%	0%	0%
Severity	0.0	0.0	1.08	0.58	0.0	0.0

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

Overall Yield

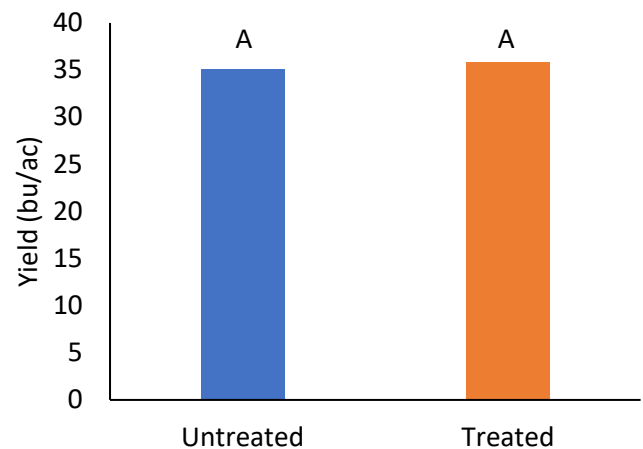
	Mean (bu/ac)
Treated	35.9
Untreated	35.1
Yield Difference	0.8
P-Value	0.1395
CV	4.7
Significance	No

NDVI Field Image – August 7, 2019

Precipitation (mm)

	May	June	July	August
Normal	54	89.9	73.4	72.6
Rainfall	19	45.4	65.7	59.6

Yield by Treatment





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Soybean Seed Treatment Trial