



on-farm network
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Soybean Fungicide Trial

Trial ID: 2019-SF08 – R.M. of Bifrost-Riverton

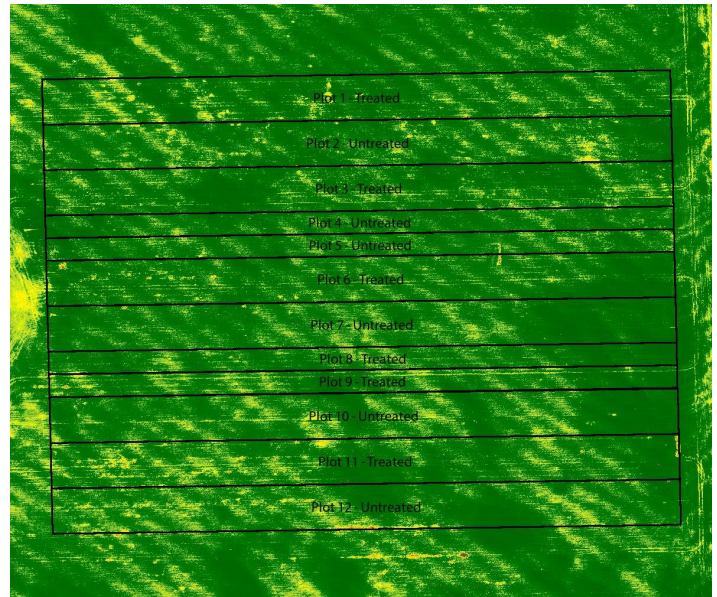
Objective: Quantify the agronomic impacts of a single fungicide application in soybean

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

Trial Information

Treatment	Priaxor
Application Timing	R2
Application Date	July 16
Application Rate	180 ml/ac
Application Method	Ground
Rural Municipality	Bifrost-Riverton, RM of
Soil Texture	Clay Loam
Previous Crop	Soybeans
Tillage	Conventional
Seeding Date	May 21
Variety	P007A90R
Seeding Rate	180 000 seeds/ac
Row Spacing	10"
Plant Stand @ R4	132 000 plants/ac
Harvest Date	October 26

NDVI Field Image – August 9, 2019



Summary of Disease Rating (R4)

	Frogeye		Septoria Brown Spot		White Mold	
	UN	TRT	UN	TRT	UN	TRT
Incidence	0%	0%	100%	100%	0%	0%
Severity	n/a	n/a	2.17	1.9	0.0	0.0

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

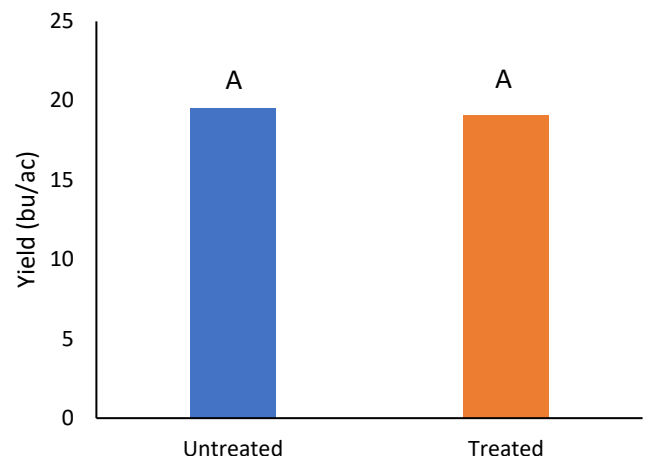
Precipitation (mm)

	May	June	July	August
Normal	47.2	75.6	69	79.7
Rainfall	20.6	31.9	66.9	25.7

Overall Yield

	Mean (bu/ac)
Treated	19.1
Untreated	19.5
Yield Difference	-0.4
P-Value	0.4999
CV	6.2%
Significance	No

Yield by Treatment





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Soybean Seed Treatment Trial