



on-farm network
PARTICIPATORY • PRECISE • PROACTIVE

Soybean Fungicide Trial

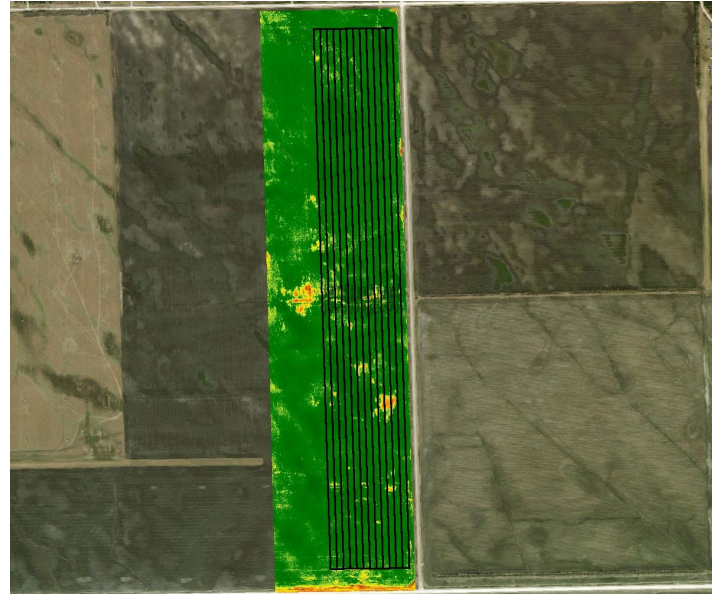
Trial ID: 2019-SF09 – R.M. of Bifrost-Riverton

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

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

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
Previous Crop	Soybeans
Tillage	Conventional
Seeding Date	May 18
Variety	S007-Y4
Seeding Rate	205 000 seeds/ac
Row Spacing	10"
Plant Stand @ R4	173 000 plants/ac
Harvest Date	October 26



Precipitation (mm)

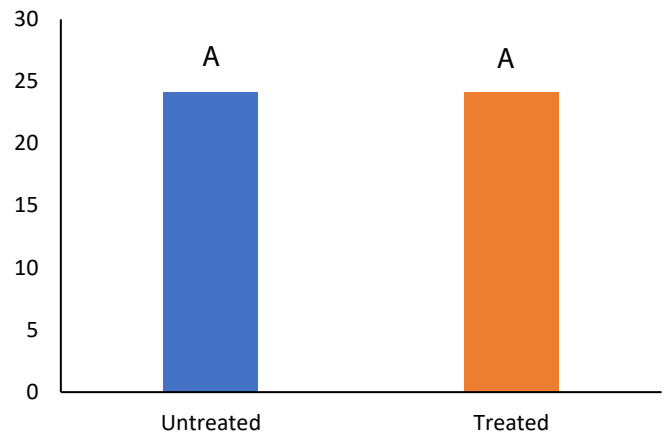
	May	June	July	August
Normal	47.2	75.6	69	79.7
Rainfall	20.6	31.9	66.9	25.7

Summary of Disease Rating (R4) †

	Frogeye		Septoria Brown Spot		White Mold	
	UN	TRT	UN	TRT	UN	TRT
Incidence	0%	3%	100%	85%	0%	0%
Severity	0.0	2	1.70	1.69	0.0	0.0

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

Yield by Treatment



Overall Yield

	Mean (bu/ac)
Treated	24.1
Untreated	24.1
Yield Difference	0.0
P-Value	1.0
CV	8%
Significance	No

NDVI Field Image – August 9, 2019