



**on-farm network**  
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# Soybean Fungicide Trial

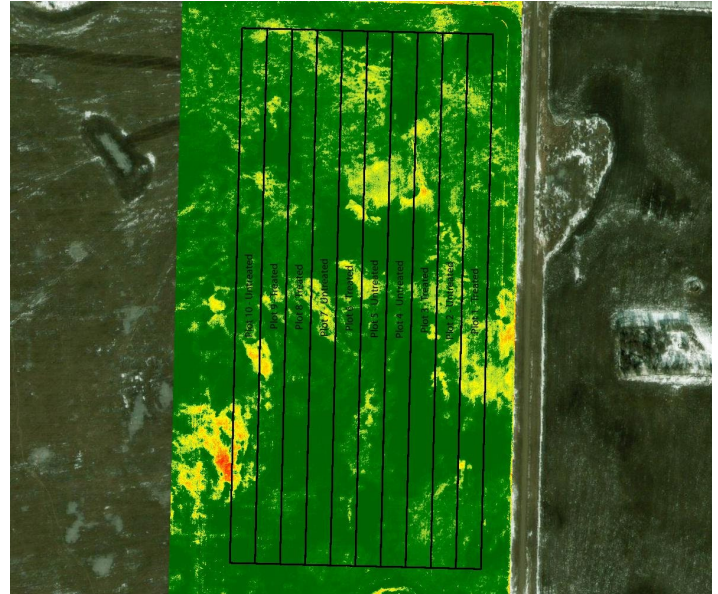
**Trial ID:** 2019-SF04 – R.M. of Two Borders

**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

<b>Treatment</b>	Cotegra
<b>Application Timing</b>	R2
<b>Application Date</b>	July 11
<b>Application Rate</b>	280 ml/ac
<b>Application Method</b>	Ground
<b>Rural Municipality</b>	Two Borders, RM of
<b>Soil Texture</b>	Loam
<b>Previous Crop</b>	Wheat
<b>Row Spacing</b>	10"
<b>Plant Stand @ R4</b>	148 000 plants/ac
<b>Harvest Date</b>	October 8



## Summary of Disease Rating (R4)†

	Frogeye		Septoria Brown Spot		White Mold	
	UN	TRT	UN	TRT	UN	TRT
<b>Incidence</b>	0%	0%	92%	98%	0%	0%
<b>Severity</b>	n/a	n/a	1.84	1.68	0.0	0.0

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

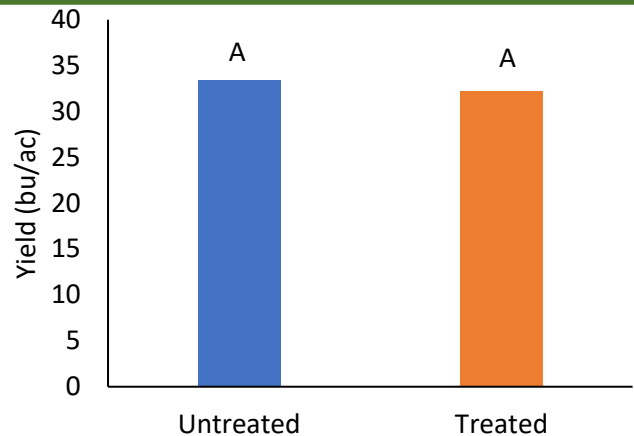
## Overall Yield

	Mean (bu/ac)
<b>Treatment</b>	32.3
<b>Untreated</b>	33.4
<b>Yield Difference</b>	-1.1
<b>P-Value</b>	0.5434
<b>CV</b>	6.8%
<b>Significance</b>	<b>No</b>

## Precipitation (mm)

	May	June	July	August
<b>Normal</b>	46.9	83.7	65.2	57.6
<b>Rainfall</b>	21.6	81	52.2	90.8

## Yield by Treatment



NDVI Field Image – August 11, 2019