

## Soybean Foliar Fungicide Trial

Trial ID: 2018-SF09 – R.M. of Westlake-Gladstone

**Objective:** Quantify the agronomic and economic impacts of foliar fungicide in soybean fields. A single application of Delaro was compared to an untreated check.

### TRIAL INFORMATION

Treatment	Delaro vs. Untreated
Rural Municipality	Westlake-Gladstone
Previous Crop	Winter Wheat
Soil Texture	Clay
Tillage	Conventional
Planting Date	May 8, 2018
Variety	DKB005-52
Row Spacing	10"
Plant Stand @ Harvest	161,000 plants/ac
Application Date	July 3, 2018
Application Timing	R2 – full flower
Application Rate	230 mL/ac
Harvest Date	October 1, 2018

### PRECIPITATION†

	May	June	July	Aug
Rainfall	19	111	39	47
Normal	50	79	71	69

† Growing season precipitation (mm)

### DISEASE RATING @ GROWTH STAGE R6†

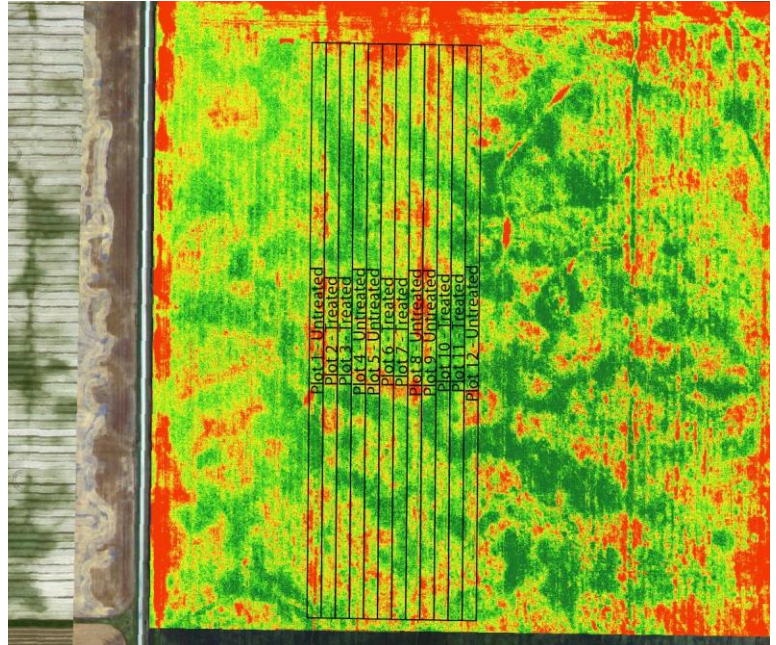
	White Mold	Brown Spot
Delaro	0	0
Untreated	0	0
P-Value	n/a	n/a
Significance	n/a	n/a

† Rated on a scale of 0-5 for severity (0 = no disease, 5 = full infection)

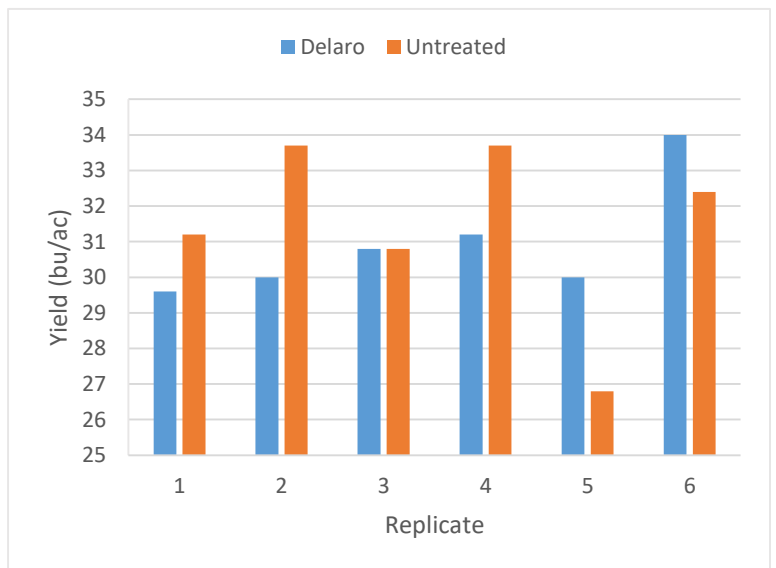
### OVERALL YIELD

	Mean (bu/ac)
Delaro	30.9
Untreated	31.4
Yield Difference	-0.5
P-Value	0.6574
CV	6.6%
Significance	No

### NDVI FIELD IMAGE – AUG 13, 2018



### STRIP YIELD



**Summary:** There was no significant yield difference between a single application of Delaro and untreated check strips applied at R2 (full flower). Rainfall was below normal for the entire growing season, with the exception of June, and disease pressure was low.