

## Soybean Foliar Fungicide Trial

Trial ID: 2018-SF01 – R.M. of Grey

**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	Grey
Previous Crop	Winter Wheat
Soil Texture	Clay
Tillage	Conventional
Planting Date	May 8, 2018
Variety	24-10RY
Row Spacing	20"
Plant Stand @ Harvest	139,000 plants/ac
Application Date	June 30, 2018
Application Timing	R1 – first flower
Application Rate	230 mL/ac
Harvest Date	September 19, 2018

### PRECIPITATION†

	May	June	July	Aug
Rainfall	29	70	41	22
Normal	54	81	66	71

† Growing season precipitation (mm)

### DISEASE RATING @ GROWTH STAGE R6†

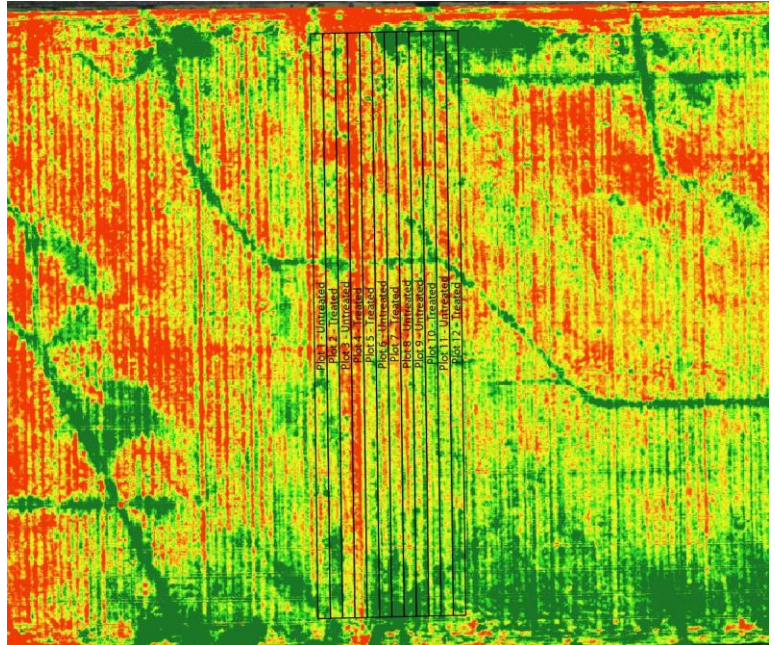
	White Mold	Brown Spot
Delaro	0	0
Untreated	0	0
P-Value	n/a	n/a
Significance	n/a	n/a

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

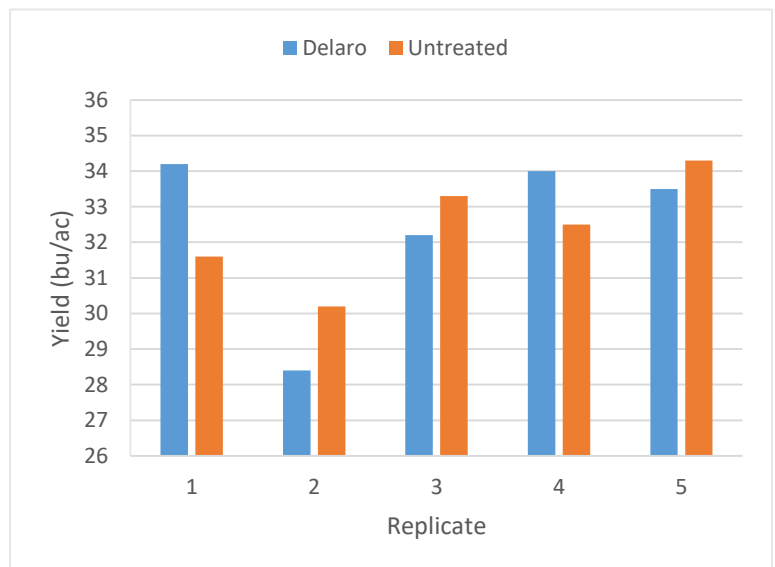
### OVERALL YIELD

	Mean (bu/ac)
Delaro	32.5
Untreated	32.4
Yield Difference	0.1
P-Value	0.9286
CV	5.9%
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 R1 (first flower). Rainfall was below normal for the entire growing season and disease pressure was low.