

## Soybean Foliar Fungicide Trial

Trial ID: 2016-SF05 – 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 strip.

### TRIAL INFORMATION

Treatment	Delaro vs. Untreated
Rural Municipality	Grey
Previous Crop	Oats
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 12, 2016
Variety	Dekalb 23-11RY
Row Spacing	20"
Plant Stand @ Harvest	154,000 plants/ac
Application Date	July 7, 2016
Application Timing	R1 – First Flower
Application Rate	230 ml/ac
Harvest Date	September 23, 2016

### PRECIPITATION†

	May	June	July	Aug
Rainfall	68	90	70	85
Normal	55	78	73	70

† Growing season precipitation (mm)

### DISEASE RATING @ GROWTH STAGE R6†

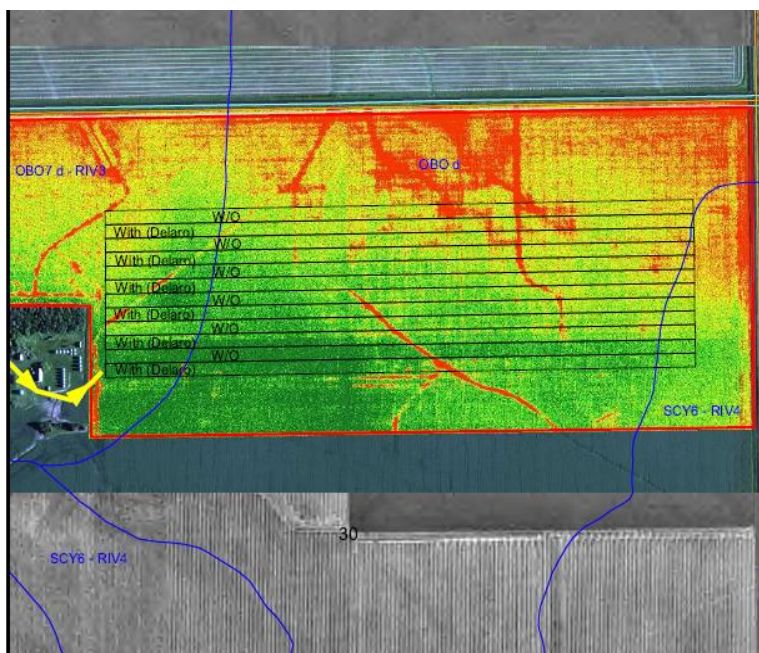
	White Mould	Brown Spot
Delaro	0	0.5
Untreated	0.3	0.5
P-Value	0.0643	0.6109
Significance	No	No

† Rated on a scale of 0-5 (0 = no disease, 5 = > 50% infection)

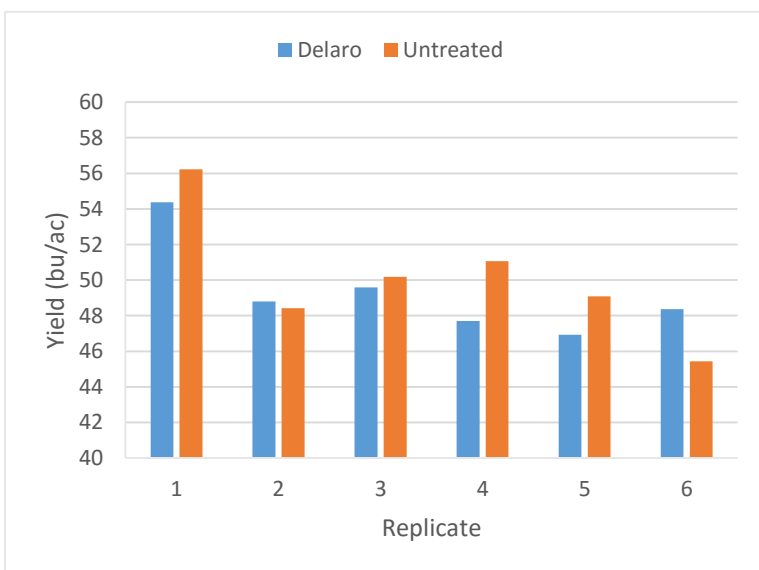
### OVERALL YIELD

	Mean (bu/ac)
Delaro	49.3
Untreated	50.1
Yield Difference	-0.8
P-Value	0.4320
CV	6.1%
Significance	No

### FIELD IMAGE – AUG. 17 (GROWTH STAGE R5.5)



### STRIP YIELD



**Summary:** There was no significant yield difference between a single application of Delaro and untreated check strips applied at R1 (first flower). White mould and brown spot disease pressure were low when rated at growth stage R6.