

## Soybean Foliar Fungicide Trial

Trial ID: 2015-SF09 – R.M. of Rhineland

**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	Rhineland
Previous Crop	Spring Wheat
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 25, 2015
Variety	NSC Richer RR2Y
Row Spacing	30"
Plant Stand @ Harvest	150,000 plants/ac
Application Date	July 15, 2015
Application Timing	R2 – Full Flower
Application Rate	230 ml/ac
Harvest Date	September 21, 2015

### PRECIPITATION<sup>†</sup>

	May	June	July	Aug
Rainfall	17.5	120	70	125
Normal	68.8	101.5	75	67.9

<sup>†</sup> Growing season precipitation (mm)

### DISEASE RATING @ GROWTH STAGE R6<sup>†</sup>

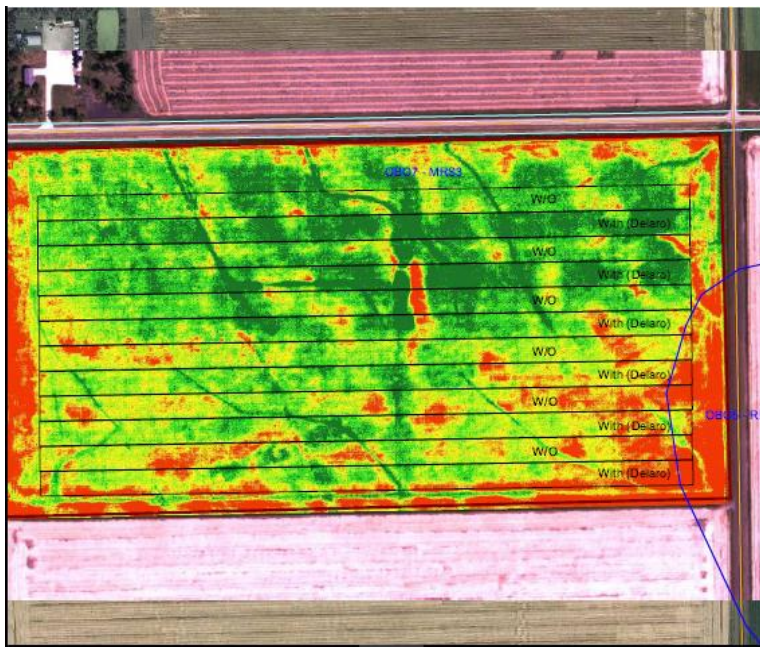
	White Mould	Brown Spot
Delaro	0.0	2.4
Untreated	0.4	3.0
P-Value	0.0041	0.0335
Significance	Yes	Yes

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

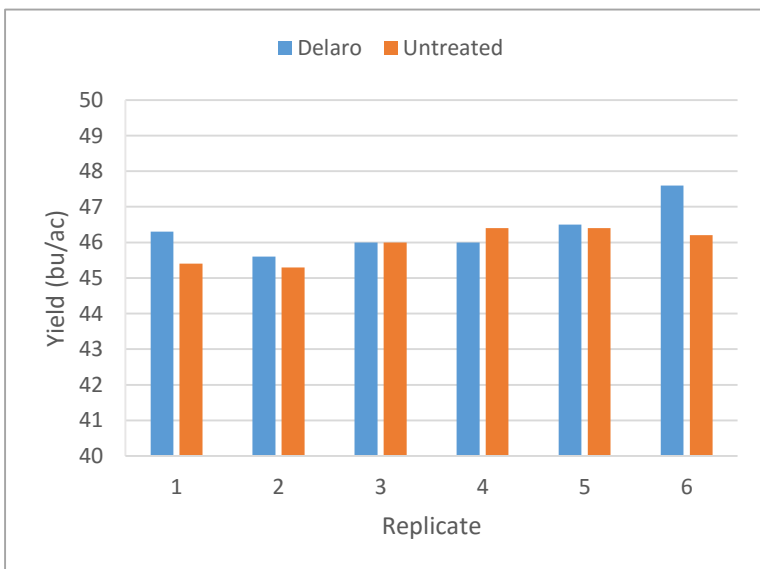
### OVERALL YIELD

	Mean (bu/ac)
Delaro	46.3
Untreated	46.0
Yield Difference	0.3
P-Value	0.2114
CV	1.3%
Significance	No

### NDVI FIELD IMAGE – AUG 19 (GROWTH STAGE R6)



### STRIP YIELD



**Summary:** There is no significant yield difference between a single application of Delaro and untreated check strips applied at R2 (full flower). Delaro significantly reduced the white mould and brown spot disease pressure compared to untreated check strips when rated at growth stage R6.