

Soybean Foliar Fungicide Trial

Trial ID: 2016-SF04 – R.M. of Morris

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	Morris
Previous Crop	Soybean
Soil Description	Clayey Lacustrine
Tillage	No Till
Planting Date	May 9, 2016
Variety	LS 005R22
Row Spacing	30"
Plant Stand @ Harvest	111,000 plants/ac
Application Date	July 6, 2016
Application Timing	R2 – Full Flower
Application Rate	230 ml/ac
Harvest Date	September 30, 2016

PRECIPITATION[†]

	May	June	July	Aug
Rainfall	65	143	90	90
Normal	68	100	85	83

[†] Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6[†]

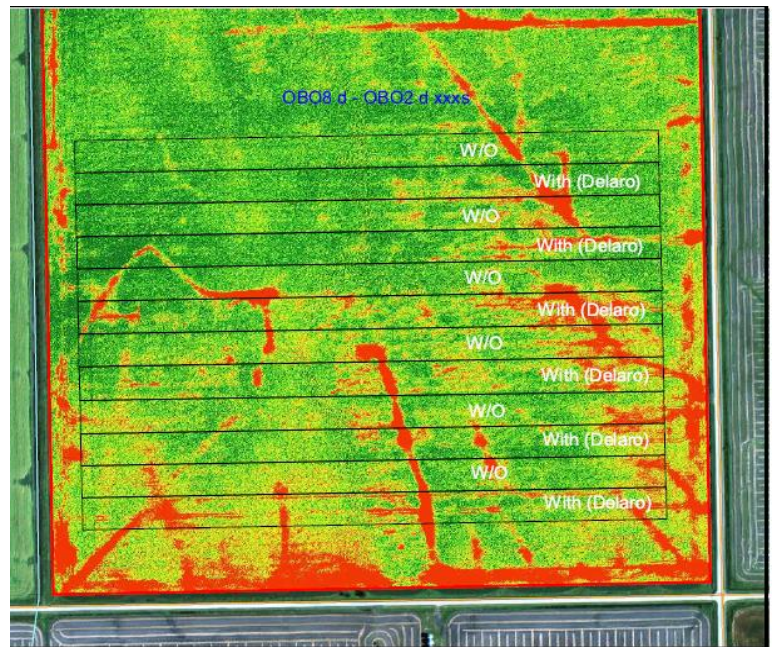
	White Mould	Brown Spot
Delaro	0	0.7
Untreated	0	0.8
P-Value	n/a	0.2031
Significance	n/a	No

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

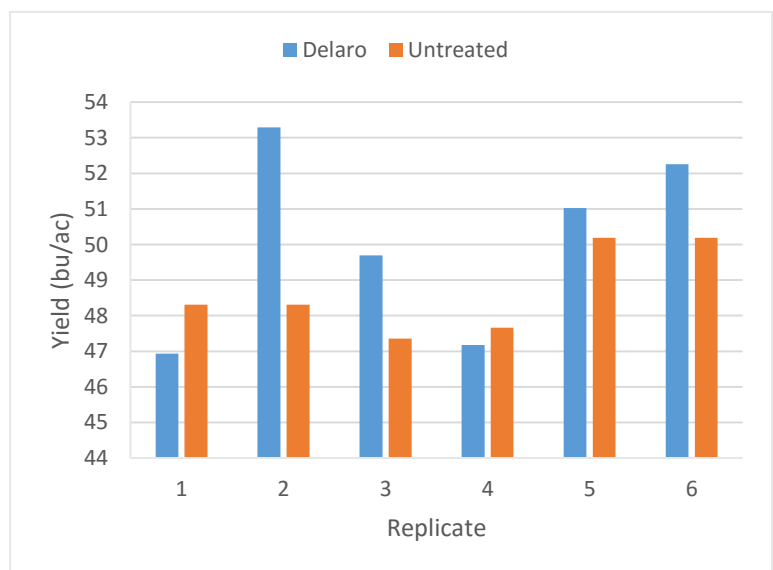
OVERALL YIELD

	Mean (bu/ac)
Delaro	50.1
Untreated	48.7
Yield Difference	1.4
P-Value	0.1916
CV	4.2%
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 R2 (full flower). White mould was not present within this trial when rated at growth stage R6.