

Soybean Foliar Fungicide Trial

Trial ID: 2017-SF07 – R.M. of Hanover

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	Hanover
Previous Crop	Corn
Soil Description	Clayey Lacustrine
Tillage	Zero Till
Planting Date	-
Variety	Long 6 RR1
Row Spacing	20"
Plant Stand @ Harvest	166,000 plants/ac
Application Date	July 13, 2017
Application Timing	R2 – Full Flower
Application Rate	260 ml/ac
Harvest Date	October 6, 2017

PRECIPITATION[†]

	May	June	July	Aug
Rainfall	25.9	58.5	57.0	24.6
Normal	59.8	99.7	91.7	72.4

[†] Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6

	WM Incidence	BS Incidence	BS Severity [†]
Delaro	0%	35%	1.0
Untreated	0%	55%	1.2
P-Value	n/a	0.0753	0.0301
Significance	n/a	No	Yes

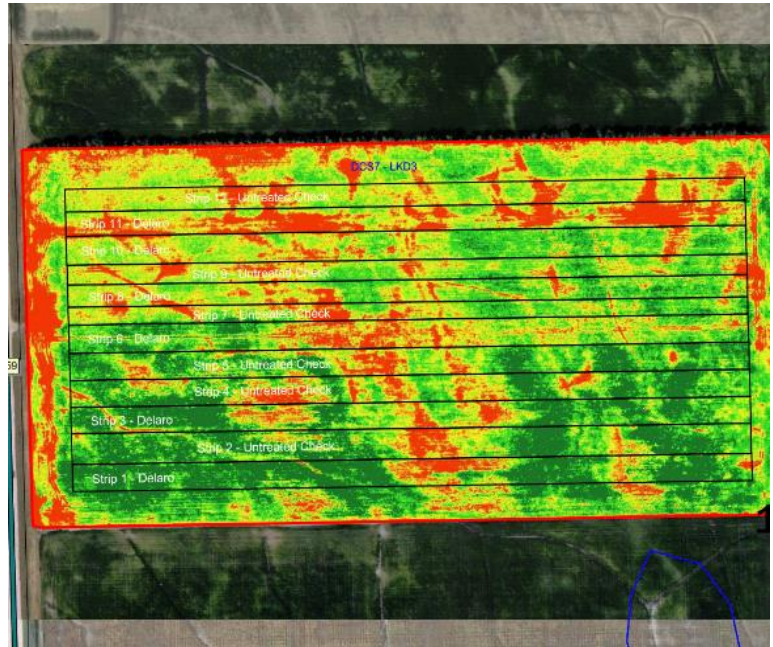
WM = White Mould, BS = Brown Spot

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

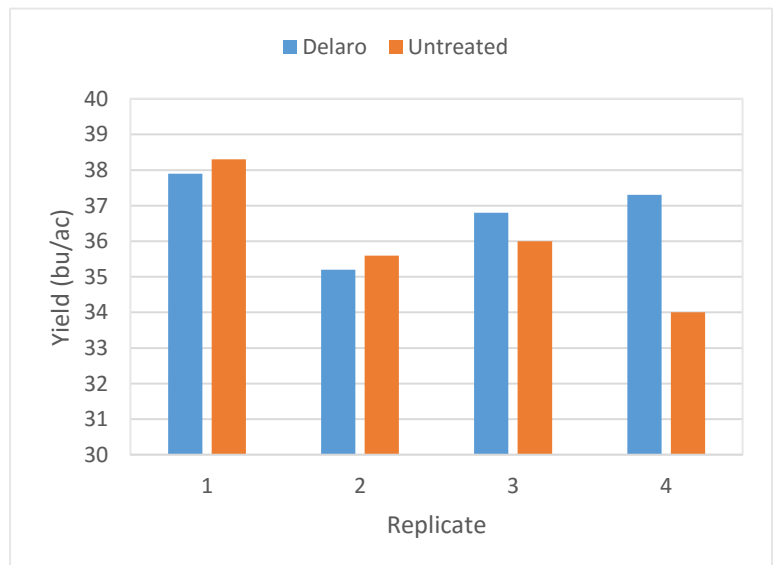
OVERALL YIELD

	Mean (bu/ac)
Delaro	36.8
Untreated	36.0
Yield Difference	0.8
P-Value	0.4140
CV	4.0%
Significance	No

FIELD IMAGE



STRIP YIELD



Summary: There was no significant yield difference between a single application of Delaro and untreated check strips applied at R2 (full flower). Delaro significantly reduced the brown spot severity within the trial; however, there was no significant difference in incidence compared to untreated strips. There was no white mould found within the trial when rated at growth stage R6.