

Soybean Foliar Fungicide Trial

Trial ID: 2017-SF02 – R.M. of Dauphin

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	Dauphin
Previous Crop	Spring Wheat
Soil Description	Sandy Loam Lacustrine
Tillage	Heavy Harrow 2x
Planting Date	May 25, 2017
Variety	Mahony R2
Row Spacing	10"
Plant Stand @ Harvest	133,000 plants/ac
Application Date	July 18, 2017
Application Timing	R2
Application Rate	260 ml/ac
Harvest Date	October 12, 2017

PRECIPITATION[†]

	May	June	July	Aug
Rainfall	47.6	65.8	90.6	19.3
Normal	52.9	81.7	73.1	61.3

[†] Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6

	WM Incidence	BS Incidence	BS Severity [†]
Delaro	0%	13%	1.0
Untreated	0%	65%	1.3
P-Value	n/a	0.0001	0.0001
Significance	n/a	Yes	Yes

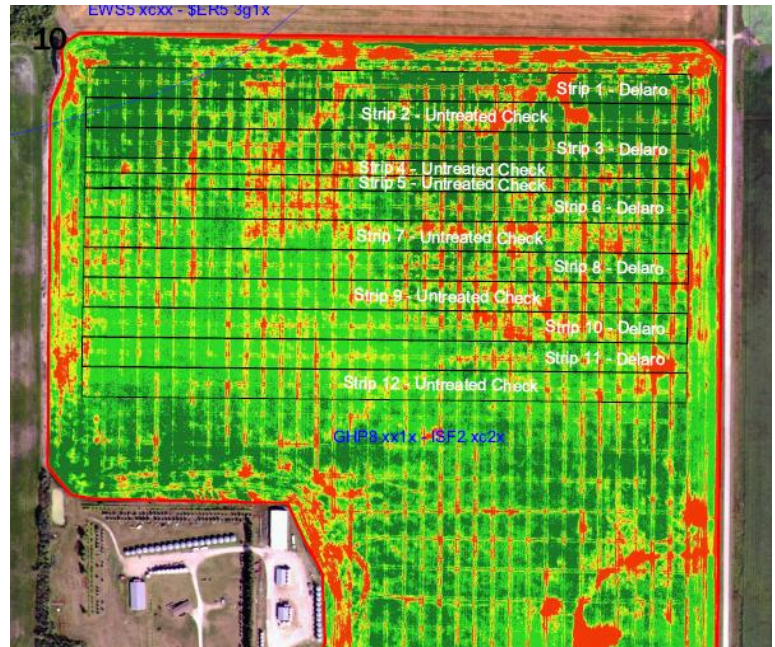
WM = White Mould, BS = Brown Spot

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

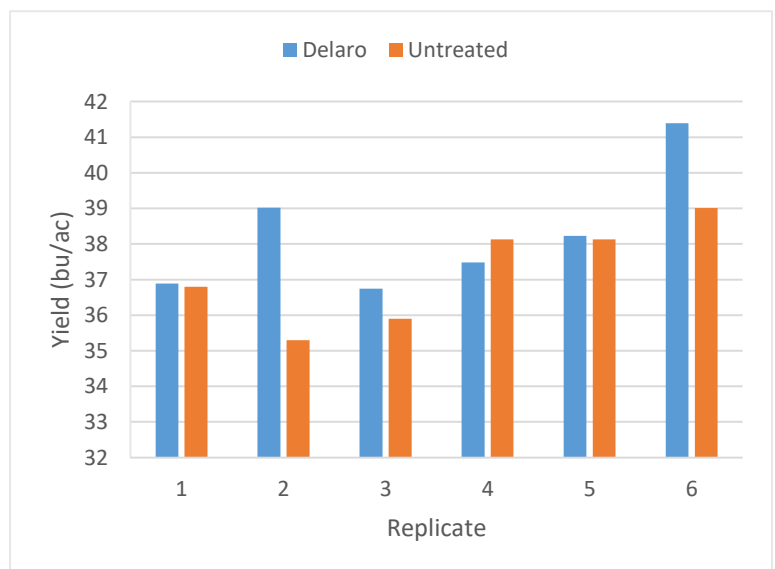
OVERALL YIELD

	Mean (bu/ac)
Delaro	38.3
Untreated	37.2
Yield Difference	1.1
P-Value	0.1663
CV	4.3%
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 and incidence within the trial compared to untreated strips. There was no white mould found within the trial when rated at growth stage R6.