

Soybean Foliar Fungicide Trial

Trial ID: 2018-SF05 – R.M. of Dufferin

Objective: Quantify the agronomic and economic impacts of foliar fungicide in soybean fields. A single application of Delaro was compared to an untreated check.

TRIAL INFORMATION

Treatment	Delaro vs. Untreated
Rural Municipality	Dufferin
Previous Crop	Oats
Soil Texture	Clay
Tillage	Conventional
Planting Date	May 15, 2018
Variety	TH 88007R2X
Row Spacing	20"
Plant Stand @ Harvest	155,000 plants/ac
Application Date	July 3, 2018
Application Timing	R2 – full flower
Application Rate	230 mL/ac
Harvest Date	September 18, 2018

PRECIPITATION†

	May	June	July	Aug
Rainfall	29	70	41	22
Normal	54	81	66	71

† Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6†

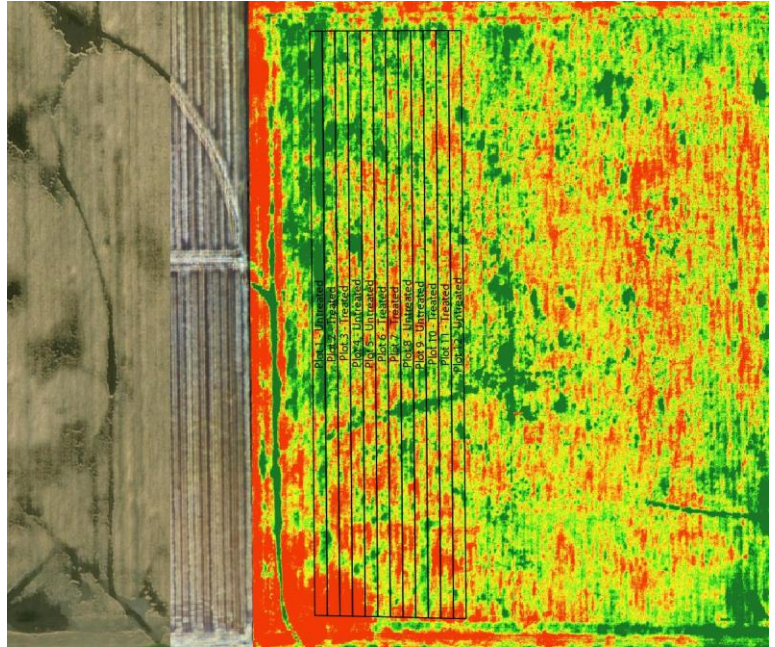
	White Mold	Brown Spot
Delaro	0	0
Untreated	0	0
P-Value	n/a	n/a
Significance	n/a	n/a

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

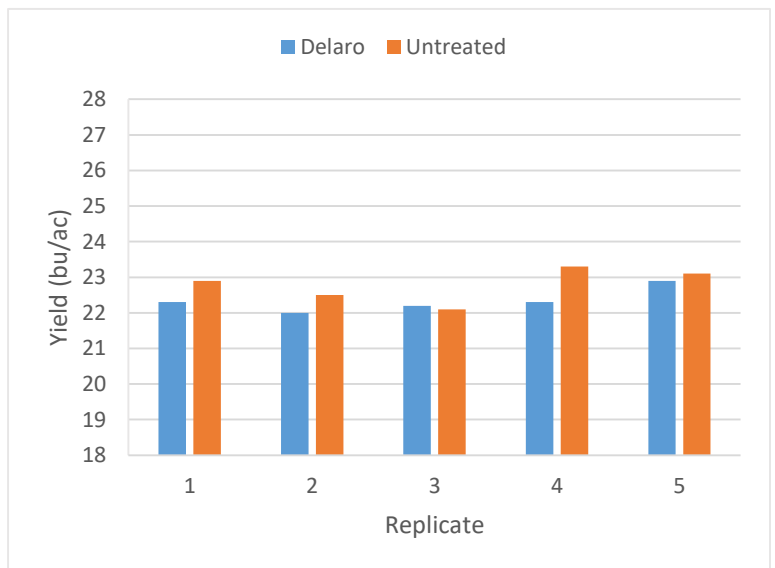
OVERALL YIELD

	Mean (bu/ac)
Delaro	22.3
Untreated	22.8
Yield Difference	-0.5
P-Value	0.0772
CV	2.0%
Significance	No

NDVI FIELD IMAGE – AUG 13, 2018



STRIP YIELD



Summary: There was no significant yield difference between a single application of Delaro and untreated check strips applied at R2 (full flower). Rainfall was below normal for the entire growing season and disease pressure was low.