Soybean Foliar Fungicide Trial

Trial ID: 2015-SF03 – 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	Spring Wheat
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 27, 2015
Variety	25-10RY
Row Spacing	15”
Plant Stand @ Harvest	158,000 plants/ac
Application Date	July 14, 2015
Application Timing	R2 – Full Flower
Application Rate	230 ml/ac
Harvest Date	September 29, 2015

PRECIPITATIONǂ

	May	June	July	Aug
Rainfall	7.5	75	112.5	80
Normal	52.9	106.3	82.5	75.1

ǂ Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6ǂ

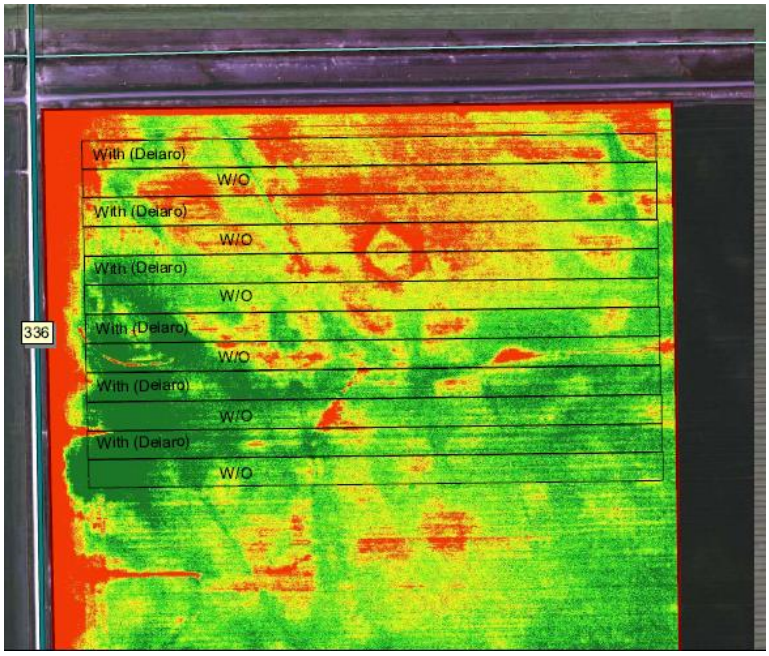
	White Mould	Brown Spot
Delaro	0.1	0.6
Untreated	0.7	0.7
P-Value	0.0009	0.3632
Significance	**Yes**	**No**

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

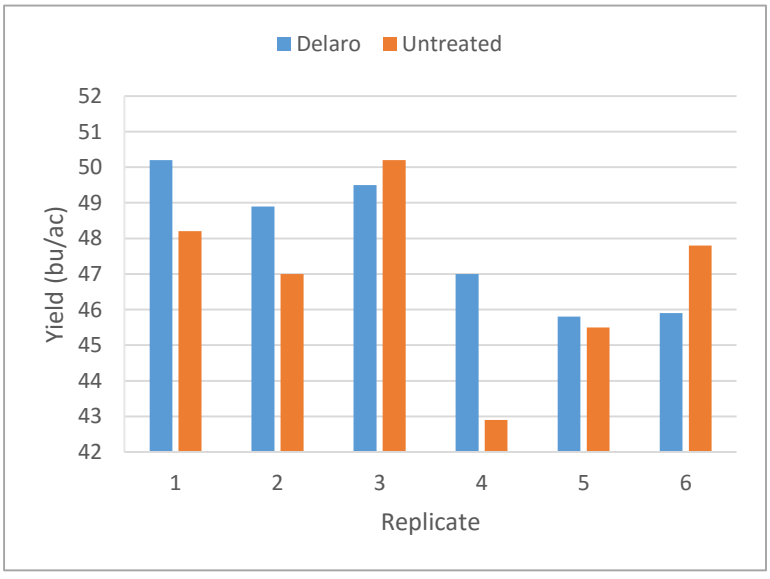
OVERALL YIELD

	Mean (bu/ac)
Delaro	47.9
Untreated	46.9
Yield Difference	1.0
P-Value	0.3293
CV	4.6%
Significance	**No**

NDVI FIELD IMAGE – AUG 19 (GROWTH STAGE R6)



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 white mould disease pressure compared to untreated check strips when rated at growth stage R6.

MPSG would like to thank Bayer for providing the chemical for this trial and Tone Ag Consulting for conducting the research

MANITOBA Pulse Soybean GROWERS
T 204 745.6488
www.manitobapulse.ca