Soybean Foliar Fungicide Trial

Trial ID: 2016-SF06 – R.M. of St Clements

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	St Clements
Previous Crop	Wheat
Soil Description	Clayey Lacustrine
Tillage	No Till
Planting Date	May 19, 2016
Variety	HS 006RYS24
Row Spacing	10”
Plant Stand @ Harvest	162,000 plants/ac
Application Date	July 2, 2016
Application Timing	R1- First Flower
Application Rate	230 ml/ac
Harvest Date	October 1, 2016

PRECIPITATIONǂ

	May	June	July	Aug
Rainfall	30	80	33	68
Normal	58	85	85	75

ǂ Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6ǂ

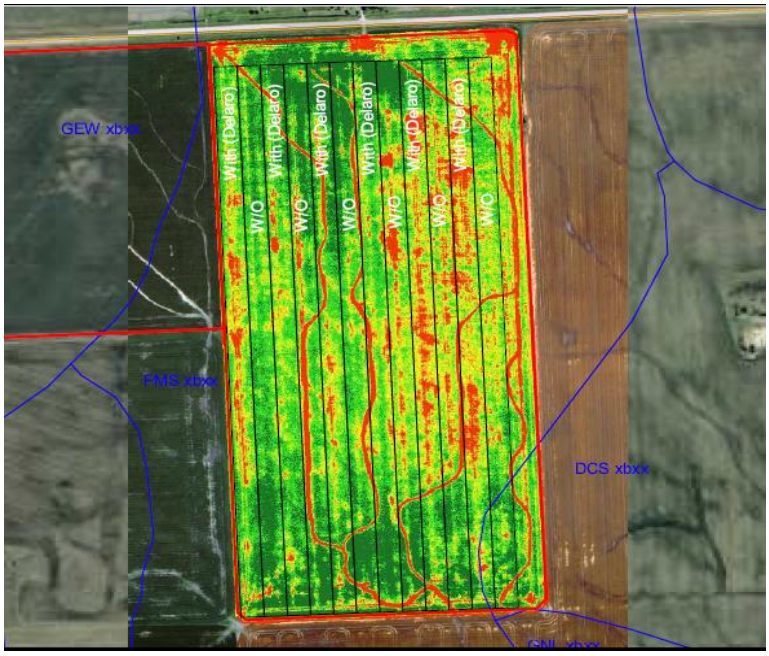
	White Mould	Brown Spot
Delaro	0	0.9
Untreated	0	0.6
P-Value	n/a	0.0108
Significance	n/a	**Yes**

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

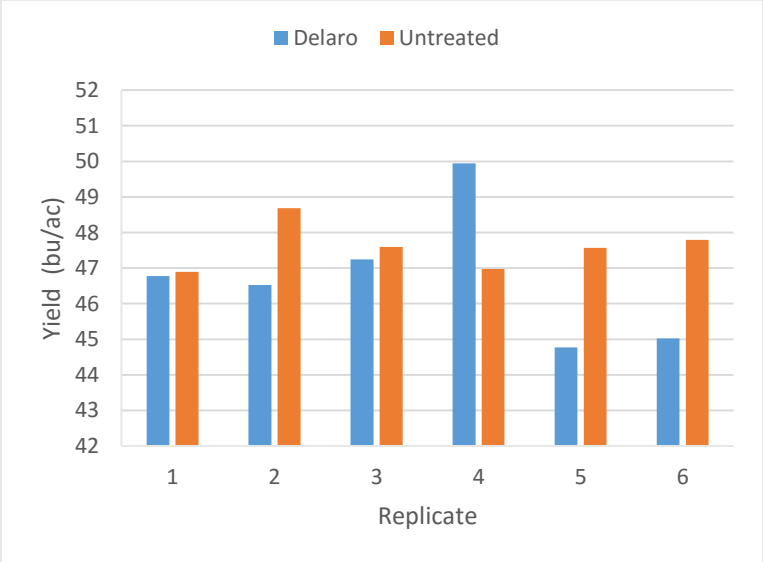
OVERALL YIELD

	Mean (bu/ac)
Delaro	47.6
Untreated	46.7
Yield Difference	0.9
P-Value	0.3806
CV	3.0%
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 R1 (first flower). Delaro significantly reduced the brown spot disease pressure compared to untreated strips. White mould was not present within this trial 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

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