Soybean Foliar Fungicide Trial

Trial ID: 2016-SF09 – R.M. of Morris

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

TRIAL INFORMATION	
Treatment	Priaxor vs. Untreated
Rural Municipality	Morris
Previous Crop	Wheat
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 17, 2016
Variety	Thunder Astro R2
Row Spacing	20”
Plant Stand @ Harvest	144,000 plants/ac
Application Date	July 5, 2016
Application Timing	R2 – Full Flower
Application Rate	120 ml/ac
Harvest Date	Sept. 29, 2016

PRECIPITATIONǂ

	May	June	July	Aug
Rainfall	58	120	80	85
Normal	60	80	75	70

ǂ Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6ǂ

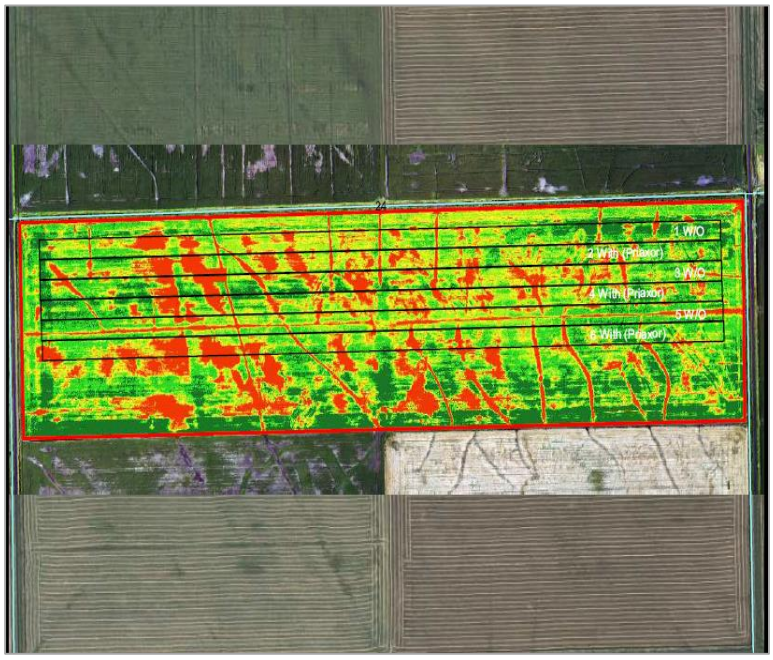
	White Mould	Brown Spot
Priaxor	0	0.6
Untreated	0	0.7
P-Value	n/a	0.2254
Significance	n/a	**No**

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

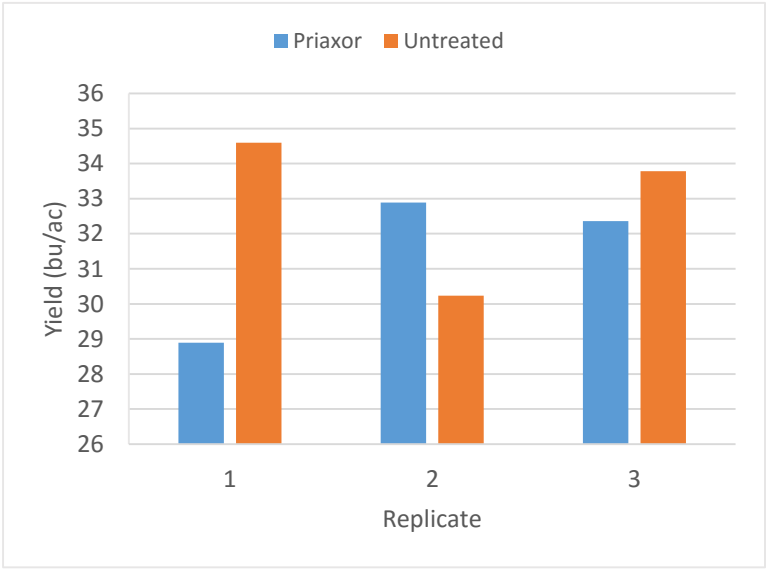
OVERALL YIELD

	Mean (bu/ac)
Priaxor	31.4
Untreated	32.9
Yield Difference	-1.5
P-Value	0.6000
CV	6.8%
Significance	**No**

FIELD IMAGE – AUG. 17 (GROWTH STAGE R5.5)



STRIP YIELD



Summary: There was no significant yield difference between a single application of Priaxor and untreated check strips applied at R2 (full flower). White mould was not present within this trial when rated at growth stage R6.

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

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