Soybean Foliar Fungicide Trial

Trial ID: 2015-SF07 – R.M. of Grey

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	Grey
Previous Crop	Oats
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 2, 2015
Variety	24-10 RY
Row Spacing	20”
Plant Stand @ Harvest	142,000 plants/ac
Application Date	July 15, 2015
Application Timing	R2 – Full Flower
Application Rate	120 ml/ac
Harvest Date	September 30, 2015

PRECIPITATIONǂ

	May	June	July	Aug
Rainfall	105	40	95	102.5
Normal	67.7	96.4	78.6	74.8

ǂ Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6ǂ

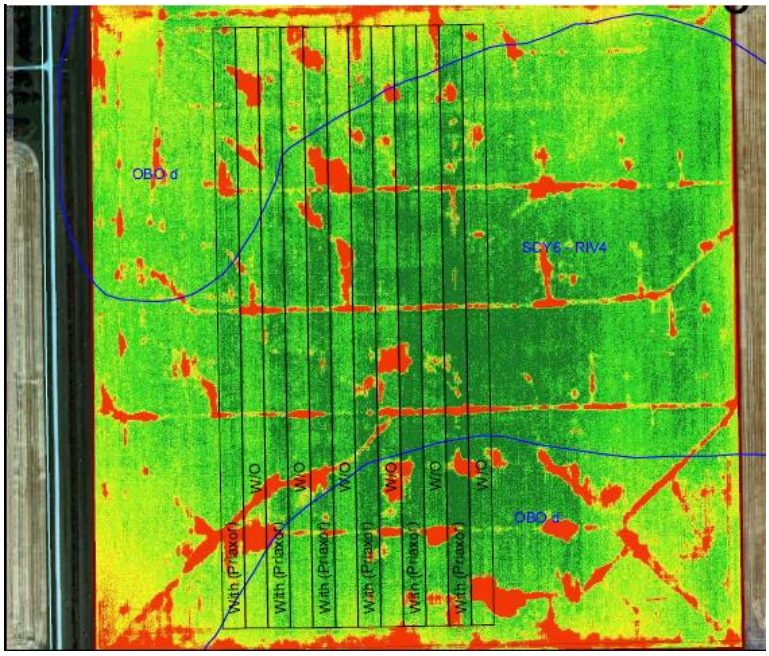
	White Mould	Brown Spot
Priaxor	0.1	0.5
Untreated	0.2	0.5
P-Value	0.3632	n/a
Significance	**No**	n/a

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

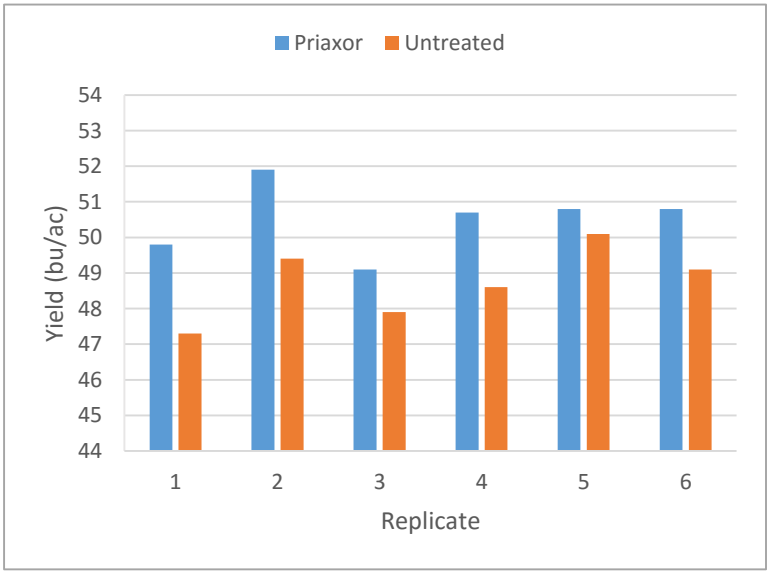
OVERALL YIELD

	Mean (bu/ac)
Priaxor	50.5
Untreated	48.7
Yield Difference	1.8
P-Value	0.0018
CV	2.7%
Significance	**Yes**

NDVI FIELD IMAGE – AUG 19 (GROWTH STAGE R6)



STRIP YIELD



Summary: There was a significant yield difference of 1.8 bu/ac between a single application of Priaxor and untreated check strips applied at R2 (full flower). White mould and brown spot disease pressure were low for both treatments 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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