

Soybean Foliar Fungicide Trial

Trial ID: 2015-SF04 – R.M. of Ste Anne

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	Ste Anne
Previous Crop	Oats
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 24, 2015
Variety	Akras R2
Row Spacing	22"
Plant Stand @ Harvest	153,000 plants/ac
Application Date	July 27, 2015
Application Timing	R2 – Full Flower
Application Rate	188 ml/ac
Harvest Date	October 2, 2015

PRECIPITATION[†]

	May	June	July	Aug
Rainfall	5	87.5	92.5	125
Normal	67.5	100.1	93.2	73.8

[†] Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6[†]

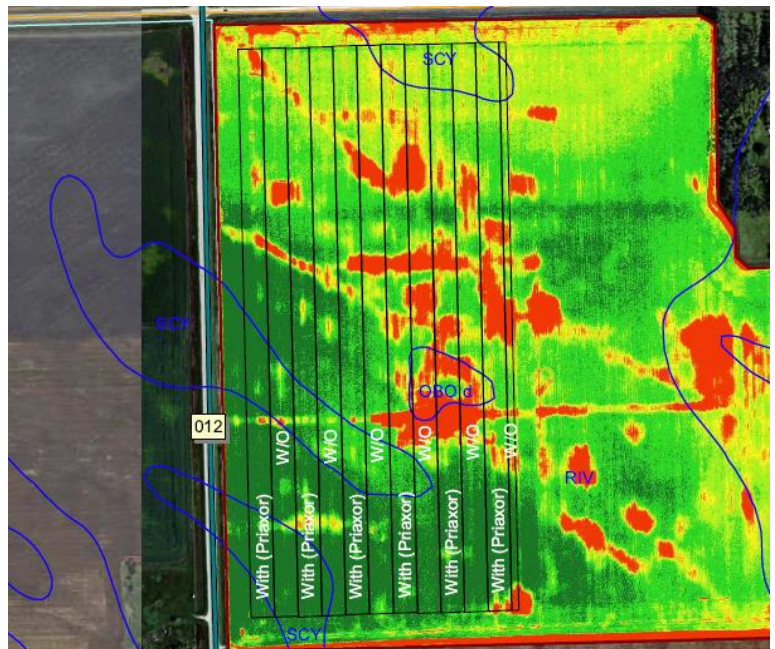
	White Mould	Brown Spot
Priaxor	0.0	0.3
Untreated	0.0	0.8
P-Value	n/a	0.0117
Significance	n/a	Yes

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

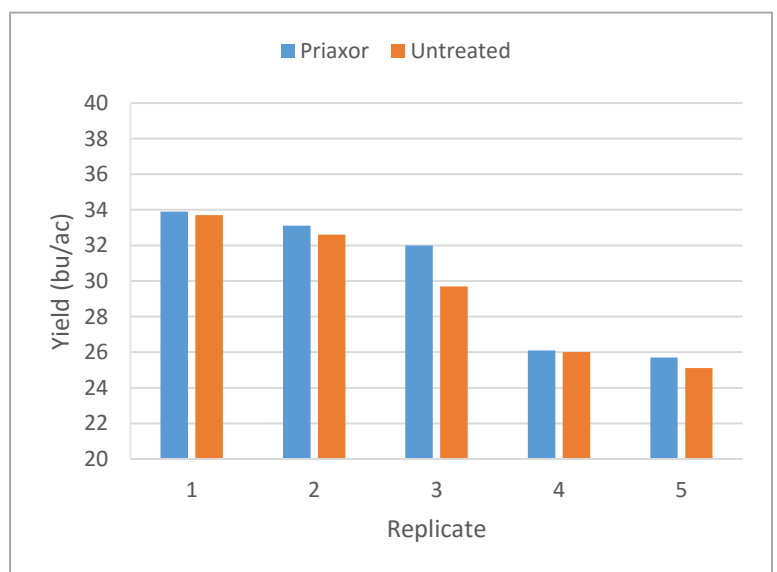
OVERALL YIELD

	Mean (bu/ac)
Priaxor	30.2
Untreated	29.4
Yield Difference	0.8
P-Value	0.1385
CV	12.4%
Significance	No

NDVI FIELD IMAGE – AUG 19 (GROWTH STAGE R6)



STRIP YIELD



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