

## Soybean Foliar Fungicide Trial

Trial ID: 2016-SF01 – R.M. of Westlake-Gladstone

**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

<b>Treatment</b>	Priaxor vs. Untreated
<b>Rural Municipality</b>	Westlake-Gladstone
<b>Previous Crop</b>	Winter Wheat
<b>Soil Description</b>	Clayey Lacustrine
<b>Tillage</b>	Conventional
<b>Planting Date</b>	May 11, 2016
<b>Variety</b>	Dekalb 24-10RY
<b>Row Spacing</b>	10"
<b>Plant Stand @ Harvest</b>	105,000 plants/ac
<b>Application Date</b>	July 4, 2016
<b>Application Timing</b>	R1 – First Flower
<b>Application Rate</b>	120 ml/ac
<b>Harvest Date</b>	September 29, 2016

### PRECIPITATION†

	May	June	July	Aug
<b>Rainfall</b>	90	93	65	38
<b>Normal</b>	50	75	65	65

† Growing season precipitation (mm)

### DISEASE RATING @ GROWTH STAGE R6†

	White Mould	Brown Spot
<b>Priaxor</b>	0	0
<b>Untreated</b>	0	0.5
<b>P-Value</b>	n/a	<0.0001
<b>Significance</b>	n/a	Yes

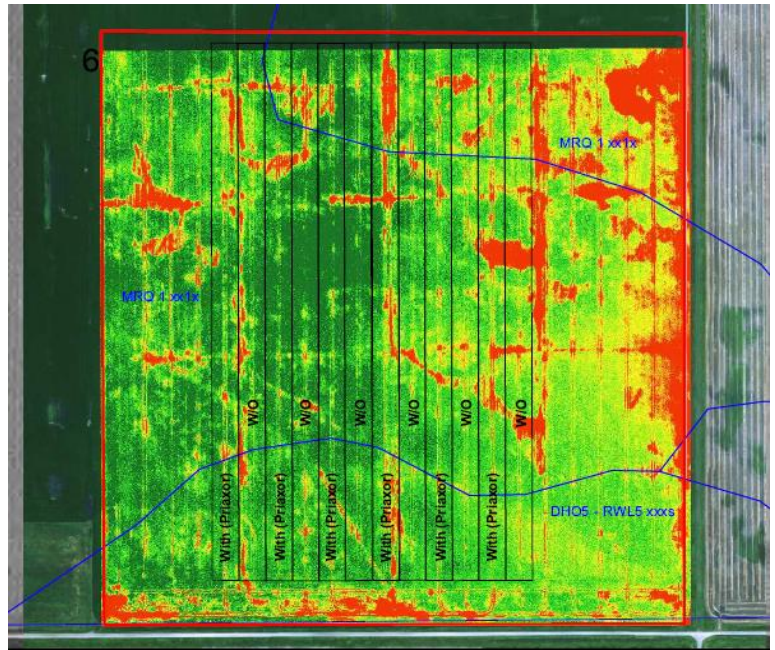
† Rated on a scale of 0-5 (0 = no disease, 5 = > 50% infection)

### OVERALL YIELD

	Mean (bu/ac)
<b>Priaxor</b>	59.9
<b>Untreated</b>	58.6
<b>Yield Difference</b>	1.2
<b>P-Value</b>	0.3400
<b>CV</b>	3.2%
<b>Significance</b>	No

**Summary:** There was no significant yield difference between a single application of Priaxor and untreated check strips applied at R1 (first flower). Priaxor 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.

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



### STRIP YIELD

