

## Soybean Foliar Fungicide Trial

Trial ID: 2016-SF02 – R.M. of Morris

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

### TRIAL INFORMATION

Treatment	Acapela vs. Untreated
Rural Municipality	Morris
Previous Crop	Wheat
Soil Description	Clayey Lacustrine
Tillage	Conventional
Planting Date	May 10, 2016
Variety	S00-T9
Row Spacing	15"
Plant Stand @ Harvest	147,000 plants/ac
Application Date	July 1, 2016
Application Timing	R1 – First Flower
Application Rate	350 ml/ac
Harvest Date	September 30, 2016

### PRECIPITATION†

	May	June	July	Aug
Rainfall	30	85	83	75
Normal	58	78	75	70

† Growing season precipitation (mm)

### DISEASE RATING @ GROWTH STAGE R6†

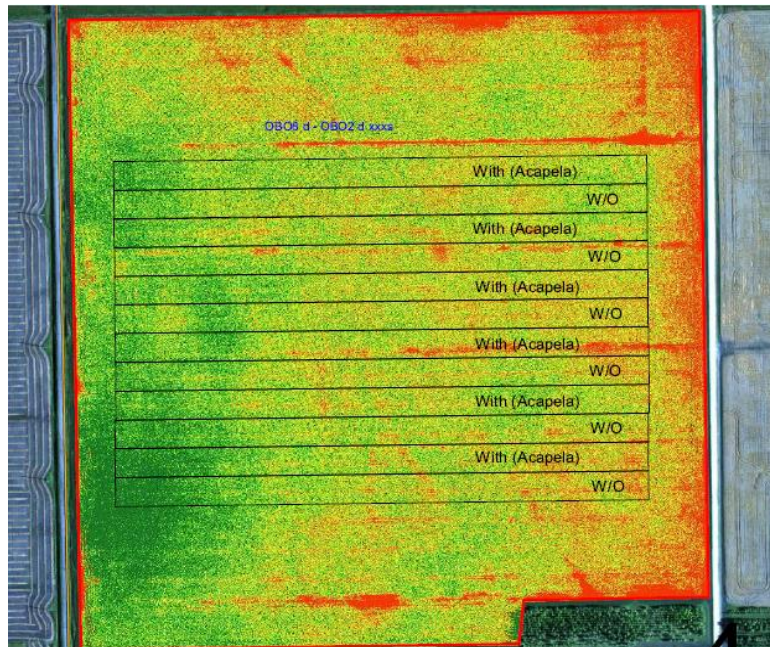
	White Mould	Brown Spot
Acapela	0	0.5
Untreated	0	0.6
P-Value	n/a	0.3632
Significance	n/a	No

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

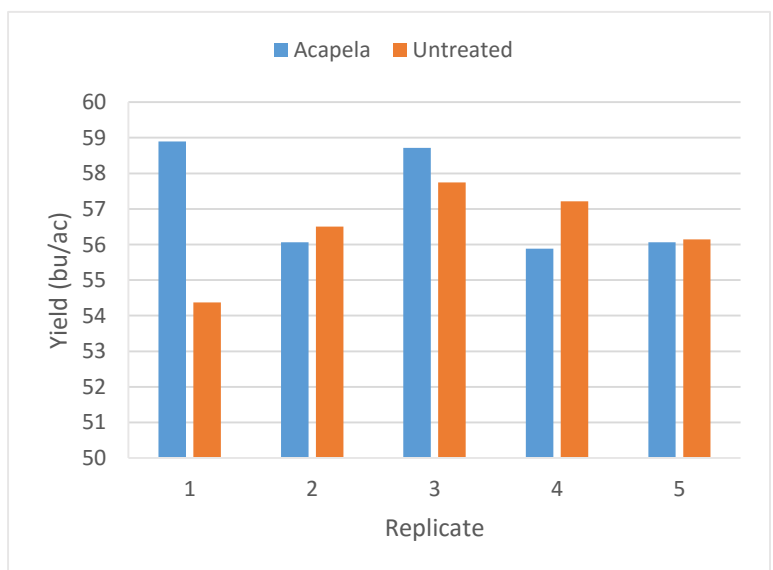
### OVERALL YIELD

	Mean (bu/ac)
Acapela	57.1
Untreated	56.4
Yield Difference	0.7
P-Value	0.5143
CV	2.4%
Significance	No

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



### STRIP YIELD



**Summary:** There was no significant yield difference between a single application of Acapela and untreated check strips applied at R1 (first flower). White mould was not present within this trial when rated at growth stage R6.