

Soybean Foliar Fungicide Trial

Trial ID: 2015-SF06 – 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	Soybeans
Soil Description	Clayey Lacustrine
Tillage	Harrow
Planting Date	May 28, 2015
Variety	LS 005R22
Row Spacing	30"
Plant Stand @ Harvest	159,000 plants/ac
Application Date	July 17, 2015
Application Timing	R2 – Full Flower
Application Rate	350 ml/ac
Harvest Date	September 29, 2015

PRECIPITATION†

	May	June	July	Aug
Rainfall	7.5	107.5	117.5	77.5
Normal	67.6	101.8	85.6	83.9

† Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6†

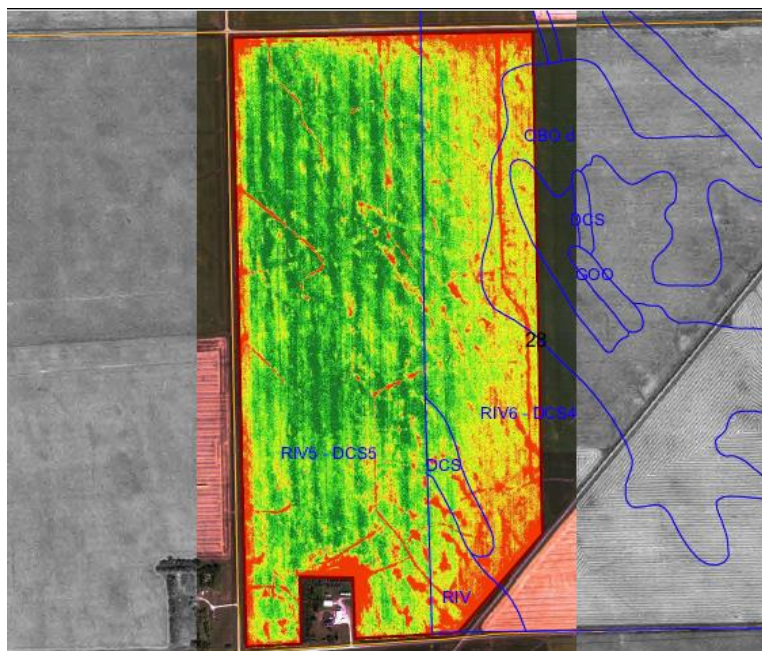
	White Mould	Brown Spot
Acapela	0.3	2.5
Untreated	0.0	2.8
P-Value	0.0756	0.2354
Significance	No	No

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

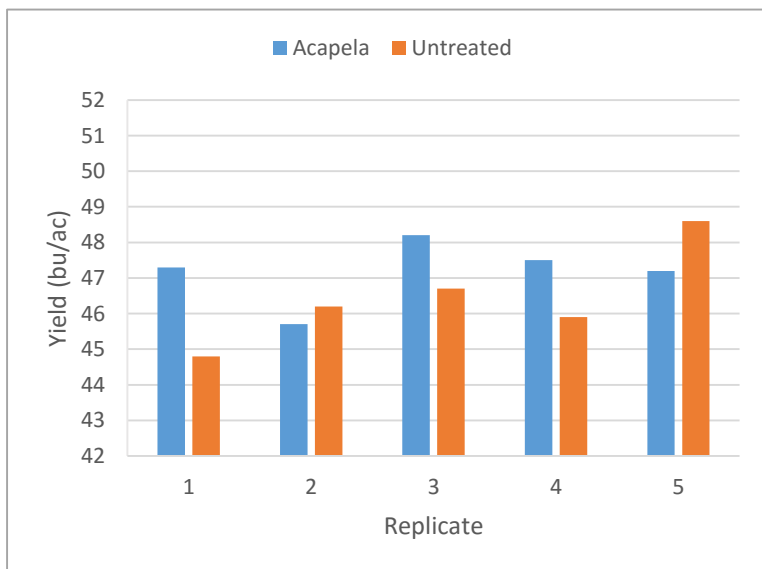
OVERALL YIELD

	Mean (bu/ac)
Acapela	47.2
Untreated	46.4
Yield Difference	0.8
P-Value	0.3655
CV	2.5%
Significance	No

NDVI FIELD IMAGE – AUG 19 (GROWTH STAGE R6)



STRIP YIELD



Summary: There was no significant yield difference between a single application of Acapela and untreated check strips applied at R2 (full flower). A trace amount of white mould was present within this trial when rated at growth stage R6.