

Soybean Foliar Fungicide Trial

Trial ID: 2018-SF03 – R.M. of Glenella-Lansdowne

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

TRIAL INFORMATION

Treatment	Cotegra vs. Untreated
Rural Municipality	Glenella-Lansdowne
Previous Crop	Winter Wheat
Soil Texture	Loamy Fine Sand
Tillage	Conventional
Planting Date	---
Variety	P007A90R
Row Spacing	10"
Plant Stand @ Harvest	150,000 plants/ac
Application Date	July 3, 2018
Application Timing	R1 – first flower
Application Rate	280 mL/ac
Harvest Date	October 19, 2018

PRECIPITATION†

	May	June	July	Aug
Rainfall	46	42	67	37
Normal	50	77	62	64

† Growing season precipitation (mm)

DISEASE RATING @ GROWTH STAGE R6†

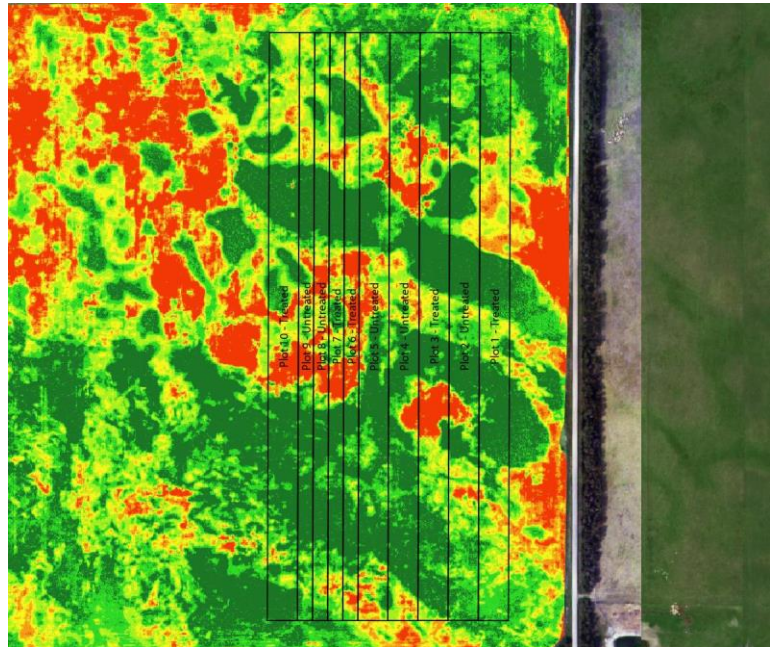
	White Mold	Brown Spot
Cotegra	0	0
Untreated	0	0
P-Value	n/a	n/a
Significance	n/a	n/a

† Rated on a scale of 0-5 for severity (0 = no disease, 5 = full infection)

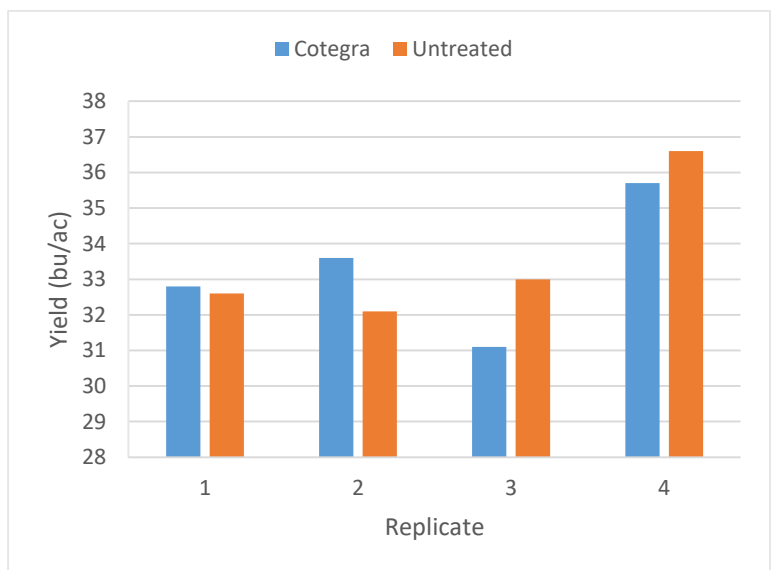
OVERALL YIELD

	Mean (bu/ac)
Cotegra	33.3
Untreated	33.6
Yield Difference	-0.3
P-Value	0.7317
CV	5.5%
Significance	No

NDVI FIELD IMAGE – AUG 11, 2018



STRIP YIELD



Summary: There was no significant yield difference between a single application of Cotegra and untreated check strips applied at R1 (first flower). Rainfall was below normal for the entire growing season and disease pressure was low.