

Dry Bean Fungicide Trial – Pinto Beans

Trial ID: 2017-DBF04 - R.M. of Thompson

Objective: The objective of this study was to quantify the agronomic and economic impacts of foliar fungicide in dry bean fields. Untreated check strips were compared to a single application of Lance and a single application of Allegro.

TRIAL INFORMATION

Treatment	Lance Allegro Untreated
Rural Municipality	Thompson
Previous Crop	Corn
Soil Description	Sandy/Loam Lacustrine
Tillage	Conventional
Planting Date	May 24, 2017
Variety	Pinto – Windbreaker
Row Spacing	30"
Plant Population @V2	65,100 plants/ac
Application Date	July 20, 2017
Application Timing	R2 – early pin bean
Application Rate – Lance	300 g/ac
Application Rate – Allegro	405 ml/ac
Harvest Date	September 13, 2017

PRECIPITATION†

	May	June	July	August
Rainfall	25.2	64.3	22.7	53.9
Normal	67.7	96.4	78.6	74.8

† Growing season precipitation (mm)

WHITE MOULD DISEASE RATING‡

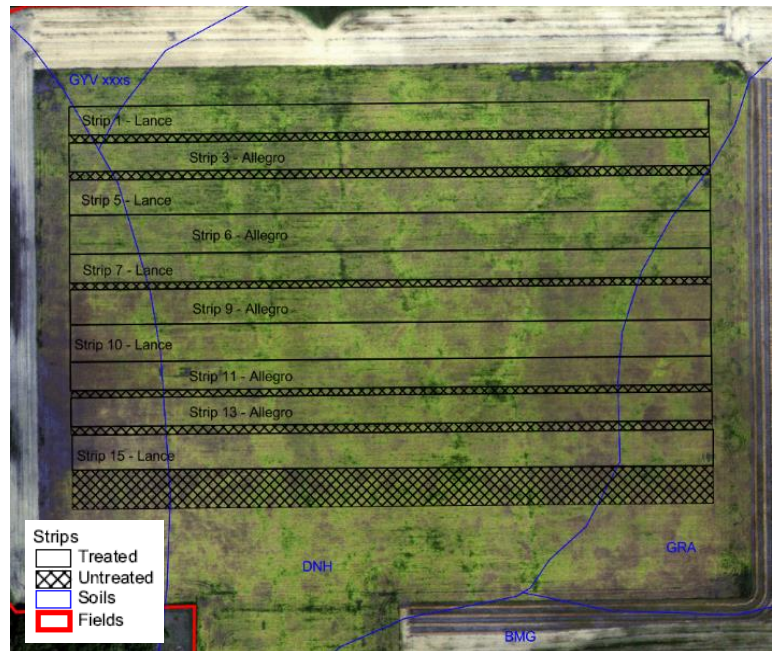
	Incidence	Severity
Lance	0.4%	0.2
Allegro	0.4%	0.4
Untreated	0.4%	0.2
P-Value	n/a	0.8484
Significance	No	No

‡ Rated on a scale of 0-5 (0 = no disease, 5 = full infection) at growth stage R7

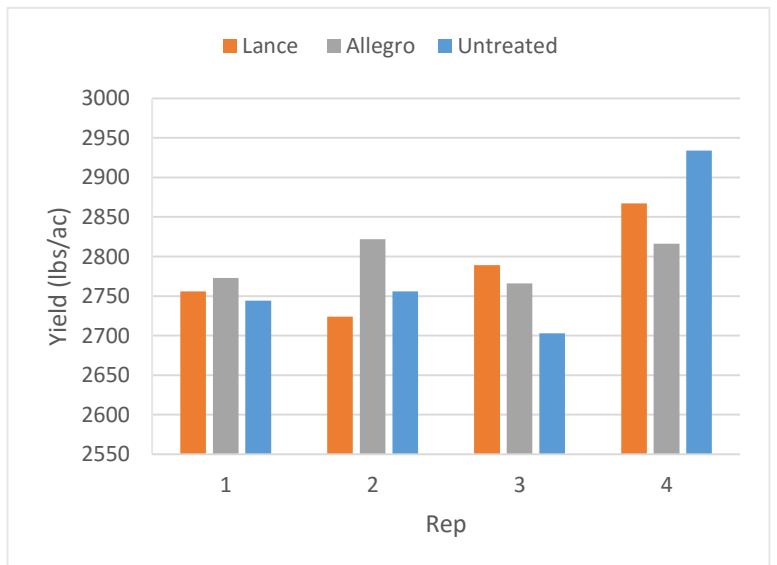
OVERALL YIELD

	Mean (lbs/ac)
Lance	2784
Allegro	2794
Untreated	2784
P-Value	0.9732
CV	2.3%
Significance	No

FIELD IMAGE – AUG. 29, 2017



STRIP YIELD



Summary: There was no significant yield difference between Lance, Allegro, and untreated check strips applied at R2 (early pin bean). Rainfall was below normal for the entire growing season, with dry conditions during flowering. There were only trace amounts of white mould found within the trial area.