

Dry Bean Fungicide Trial – Pinto Beans

Trial ID: 2018-DBF01 – 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. A single application of Lance was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	Lance vs. Untreated
Rural Municipality	Thompson
Previous Crop	Corn
Soil Description	Loam
Tillage	Conventional
Planting Date	May 23, 2018
Variety	Vibrant
Row Spacing	30"
Plant Population @ R7	69,000 plants/ac
Application Date	July 13, 2018
Application Timing	R2 – beginning pod
Application Rate	227 g/ac (25 ac/case)
Harvest Date	September 3, 2018

PRECIPITATION[†]

	May	June	July	Aug
Rainfall	41	55	63	30
Normal	62	83	70	67

[†] Growing season precipitation (mm)

WHITE MOULD DISEASE RATING[†]

	Incidence	Severity
Lance	0	0
Untreated	0	0
P-Value	n/a	n/a
Significance	No	No

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

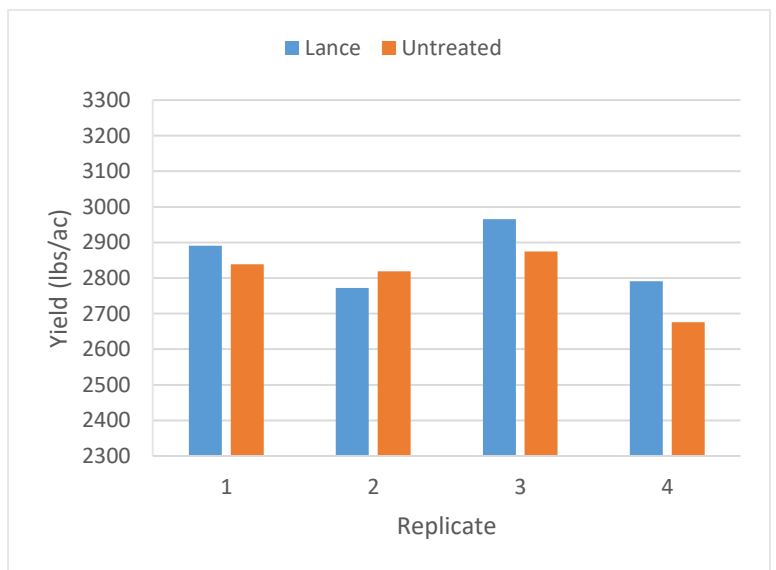
OVERALL YIELD

	Mean (lbs/ac)
Lance	2829
Untreated	2858
Yield Difference	52
P-Value	0.2398
CV	3.1%
Significance	No

FIELD IMAGE – AUG. 11, 2018



STRIP YIELD



Summary: There was no significant yield difference between a single application of Lance applied at R2 (beginning pod) and an untreated check. Rainfall was below normal for the growing season and there was no white mould observed within the trial when rated at R7 (full seed).