

Field Pea Foliar Fungicide Trial

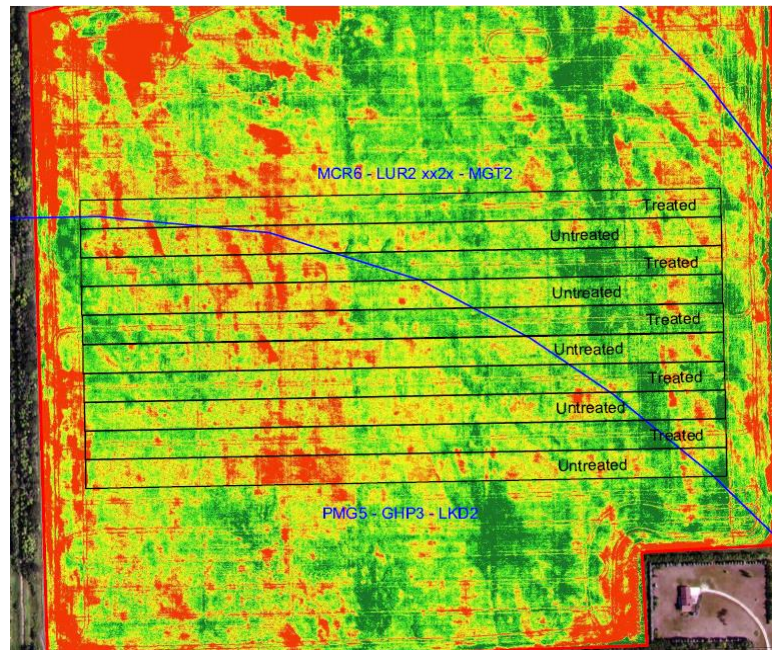
Trial ID: 2017-PF04 – R.M. of Rockwood

Objective: The objective of this study was to quantify the agronomic and economic impacts of foliar fungicide in field peas. A single application of Delaro was compared to an untreated check strip.

TRIAL INFORMATION

Treatment	Delaro vs. Untreated
Rural Municipality	Rockwood
Previous Crop	Spring Wheat
Soil Description	Sandy loam/Loamy lacustrine
Tillage	Deep Till + Harrow
Planting Date	April 29, 2017
Variety	AAC Carver
Row Spacing	10"
Seeding Rate	2.8 bu/ac
Application Date	June 26, 2017
Application Timing	Early Flower
Application Rate	355 ml/ac
Application Method	Ground
Harvest Date	August 7, 2017

NDVI FIELD IMAGE – JULY 23, 2017



PRECIPITATION†

	May	June	July	Aug
Rainfall	27.4	82.1	50.1	18.4
Normal	54.1	90	79.5	77

† Growing season precipitation until harvest (mm)

OVERALL YIELD

	Mean (bu/ac)
Delaro	82.1
Untreated	80.1
Yield Difference	2.0
P-Value	0.0238
CV	1.6%
Significance	Yes

Summary: There was a significant yield difference of 2.0 bu/ac between a single application of Delaro fungicide (82.1 bu/ac) and untreated strips (80.1 bu/ac). Delaro was applied at early flower. Rainfall was near normal for the month of June, but below normal for the remainder of the growing season.

STRIP YIELD

