

## Field Pea Foliar Fungicide Trial

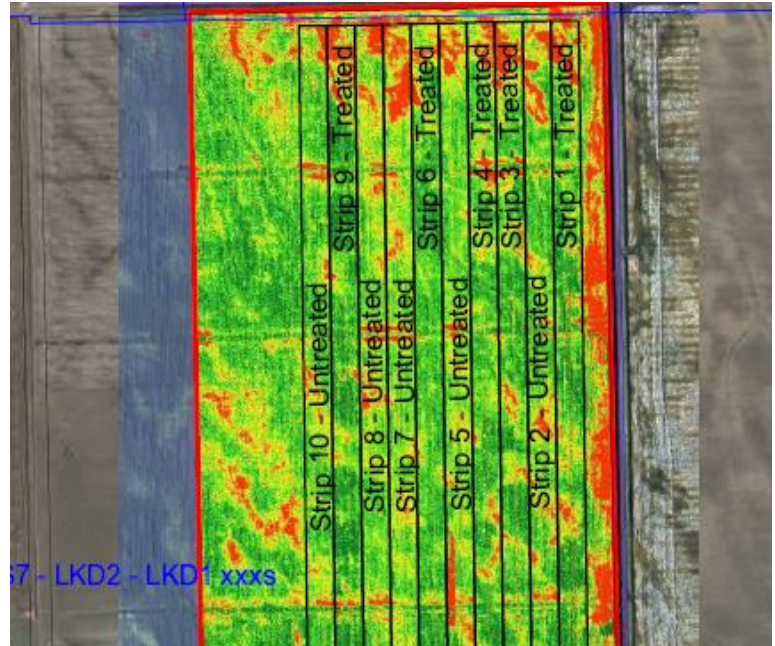
Trial ID: 2017-PF01 – R.M. of Montcalm

**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 | Montcalm             |
| Previous Crop      | Spring Wheat         |
| Soil Description   | Clayey Lacustrine    |
| Tillage            | Deep Till            |
| Planting Date      | May 4, 2017          |
| Variety            | AC Aggasiz           |
| Row Spacing        | 7.5"                 |
| Seeding Rate       | 185 lbs/ac           |
| Application Date   | June 26, 2017        |
| Application Timing | Early Flower         |
| Application Rate   | 355 ml/ac            |
| Application Method | Ground               |
| Harvest Date       | August 18, 2017      |

### NDVI FIELD IMAGE – JULY 23, 2017



### PRECIPITATION†

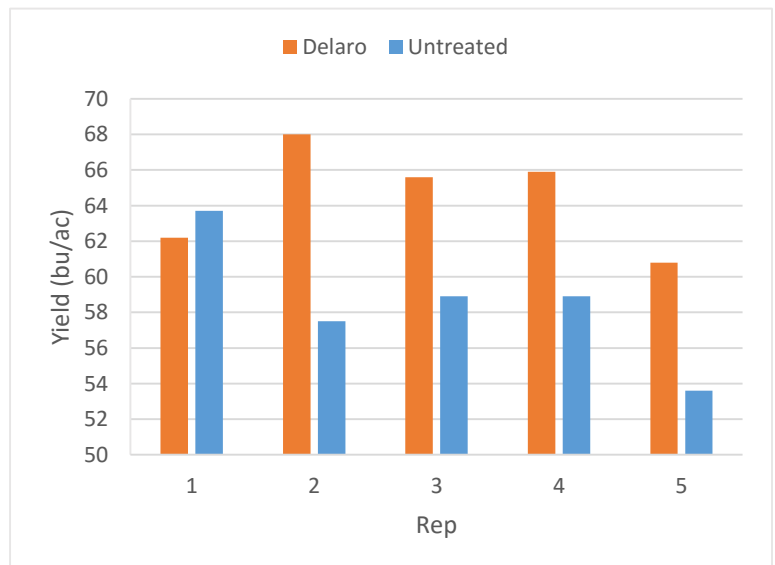
|          | May  | June  | July | Aug  |
|----------|------|-------|------|------|
| Rainfall | 28.2 | 69.2  | 45.8 | 20.8 |
| Normal   | 68.8 | 101.5 | 75   | 67.9 |

† Growing season precipitation until harvest (mm)

### OVERALL YIELD

|                  | Mean (bu/ac) |
|------------------|--------------|
| Delaro           | 64.5         |
| Untreated        | 58.5         |
| Yield Difference | 6.0          |
| P-Value          | 0.0399       |
| CV               | 7.2%         |
| Significance     | Yes          |

### STRIP YIELD



**Summary:** There was a significant yield difference of 6.0 bu/ac between a single application of Delaro fungicide (64.5 bu/ac) and untreated strips (58.5 bu/ac). Delaro was applied at early flower and rainfall was below normal for the entire growing season.