

Field Pea Foliar Fungicide Trial

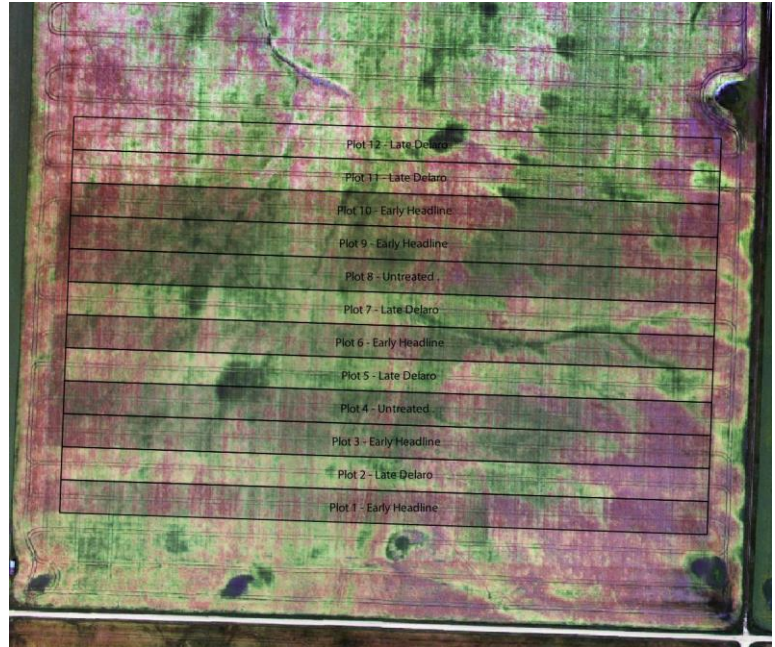
Trial ID: 2018-PF07 – R.M. of Swan Valley West

Objective: Quantify the agronomic and economic impacts of foliar fungicides in field peas. One early application of fungicide was compared to one late application of fungicide. The first application was Headline and the second application was Delaro. There was no replicated untreated check strip within this trial.

TRIAL INFORMATION

Treatment	Early App Headline vs. Late App Delaro
Rural Municipality	Swan Valley West
Previous Crop	Canola
Soil Texture	Sandy Loam
Tillage	Reduced
Planting Date	May 8, 2018
Variety	---
Row Spacing	10"
Seeding Rate	220 lbs/ac
App Date – Headline	June 20, 2018
App Timing – Headline	Early Flower
App Rate – Headline	40 ac/jug
App Method – Headline	Ground
App Date – Delaro	July 2, 2018
App Timing – Delaro	Full Flower
App Rate – Delaro	355 ml/ac (20 ac/jug)
App Method - Delaro	Ground
Harvest Date	August 16, 2018

NDVI FIELD IMAGE – JULY 30, 2018



PRECIPITATION†

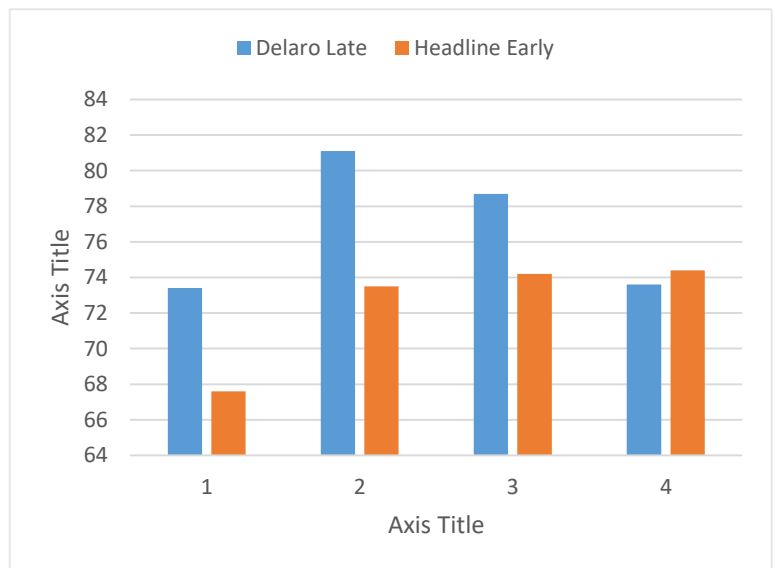
	May	June	July	Aug
Rainfall	60	113	76	47
Normal	45	84	86	68

† Growing season precipitation (mm)

OVERALL YIELD

	Mean (bu/ac)
Delaro Late Application	76.7
Headline Early Application	72.4
Yield Difference	4.3
P-Value	0.0989
CV	5.4%
Significance	No

STRIP YIELD



Summary: There was no significant yield difference between a late application of Delaro at full flower and an early application of Headline at early flower. Rainfall was above normal for May and June, and near normal for the remainder of the growing season. Disease pressure was not observed in this trial.