

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.

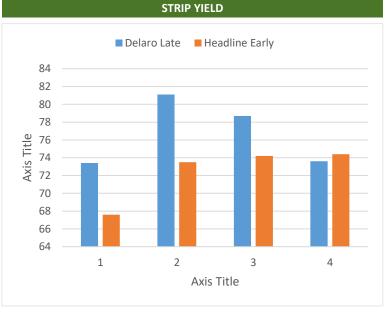
TRIAL INFORMATION				
Treatment	Early App Headline vs. Late App Delaro			
Rural Municipality	Swan Valley West			
Previous Crop	Canola			
Soil Texture	Sandy Loam			
Tillage	Reduced			
Planting Date	May 8, 2018			
Variety				
Row Spacing	10"			
Seeding Rate	220 lbs/ac			
App Date – Headline	June 20, 2018			
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			

ND\	NDVI FIELD IMAGE – JULY 30, 2018		
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PRECIPITATION [†]					
	May	June	July	ı 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			



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.

