

Pea Fungicide Trial

Trial ID: 2019PF04 – R.M. of Elton

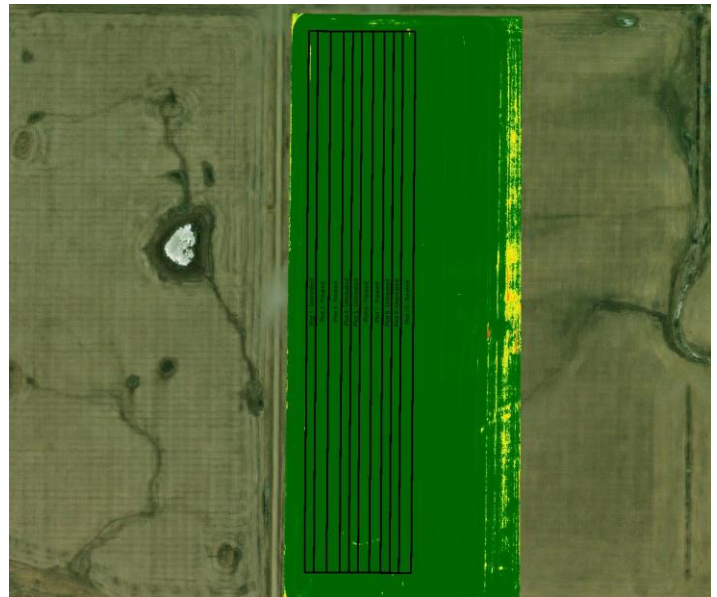
Objective: Quantify the agronomic impacts of a single foliar fungicide application in field peas

Summary: There was no significant yield difference between pea with a single fungicide application and pea without fungicide.

Trial Information

Treatment	Headline EC
Application Timing	R1
Application Date	July 6
Application Rate	20 ac/jug
Application Method	Ground
Rural Municipality	Elton, RM of
Soil Texture	Clay Loam
Previous Crop	Canola
Tillage	Zero Tillage
Seeding Date	April 25
Variety	CDC Amarillo
Seeding Rate	3 bu/ac
Row Spacing	10"
Plant Stand @ R6	175 000 plants/ac
Harvest Date	August 20

NDVI Field Image July 17, 2019



Summary of Disease Rating (R3.5)†

	Ascochyta Foliar		Ascochyta Stem		White Mold	
	UN	TRT	UN	TRT	UN	TRT
Incidence	58%	66%	62%	74%	0%	0%
Severity	0.6	0.7	0.7	1.1	0.0	0.0

† Ascochyta Foliar 0 – 6 rating scale, Ascochyta Stem % affected (0-100%), White Mold 0 – 5 rating scale

Precipitation (mm)

	May	June	July	August
Normal	51.2	72.8	74.4	67.5
Rainfall	29.3	69.8	83.8	83.4

Overall Yield

	Mean (bu/ac)
Treated	68.4
Untreated	67.1
Yield Difference	1.3
P-Value	0.2942
CV	2.2%
Significance	No

Yield by Treatment

