



Pea Fungicide Trial

Trial ID: 2019PF08 – R.M. of Livingston

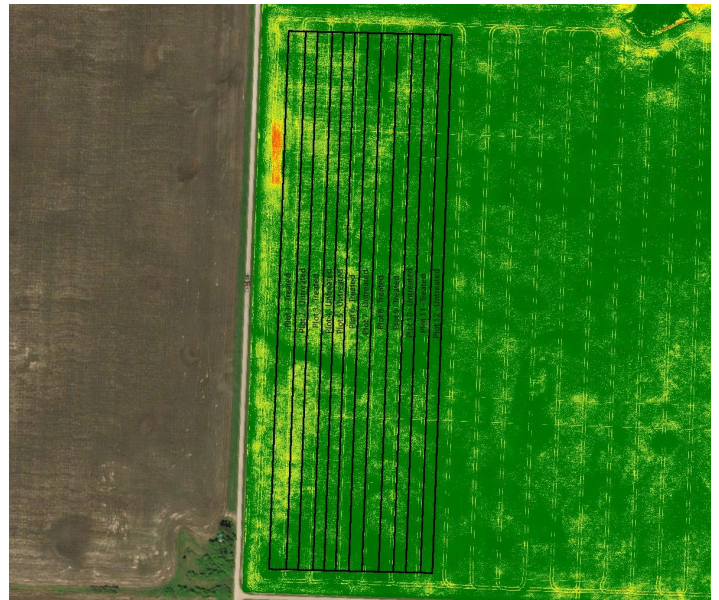
Objective: Quantify the agronomic impacts of a single foliar fungicide application in field peas

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

Trial Information

Treatment	Cotegra
Application Timing	50% flower
Application Date	July 3
Application Rate	35 ac/jug
Application Method	Ground
Rural Municipality	Livingston, RM of
Soil Texture	Loamy Fine Sand
Previous Crop	Canola
Tillage	Minimal Tillage
Seeding Date	May 14
Seeding Rate	240 lb/ac
Row Spacing	10"
Plant Stand @ R3	255 000 plants/ac
Harvest Date	August 22

NDVI Field Image – July 21, 2019



Summary of Disease Rating (R3) †

	Ascochyta Foliar		Ascochyta Stem	
	UN	TRT	UN	TRT
Incidence	42%	48%	3%	0%
Severity	0.4	0.8	0.0	0.0

† Ascochyta Foliar 0 – 6 rating scale, Ascochyta Stem % affected (0-100%), White Mold 0 – 5 rating scale; white mold was not rated at this location

Precipitation (mm)

	May	June	July	August
Normal	45.4	84.2	85.6	68.3
Rainfall	23.3	30.1	69.6	53

Overall Yield

	Mean (bu/ac)
Treated	67.0
Untreated	65.7
Yield Difference	1.3
P-Value	0.4788
CV	10.2%
Significance	No

Yield by Treatment

