



on-farm network
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Pea Fungicide Trial

Trial ID: 2019PF03 – R.M. of Louise

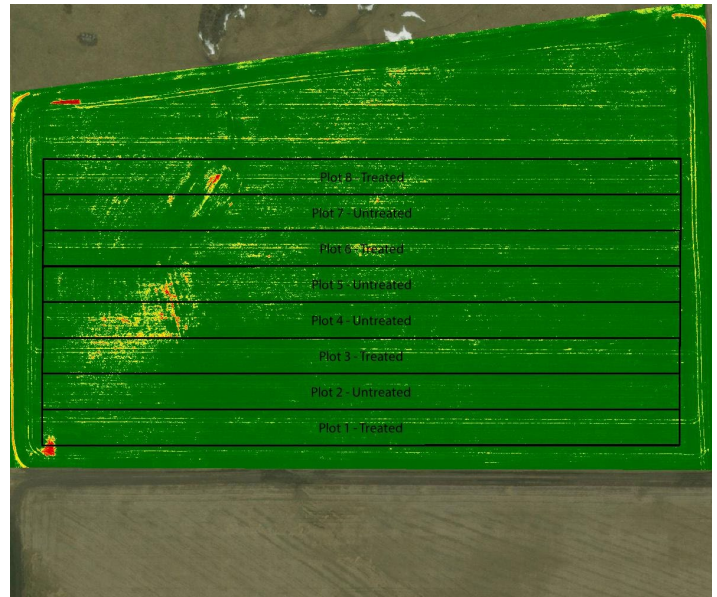
Objective: Quantify the agronomic impacts of a single foliar fungicide application in field peas

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

Trial Information

Treatment	Priaxor
Application Timing	Early Flower
Application Date	July 6
Application Rate	120 ml/ac
Application Method	Broadcast
Rural Municipality	Louise, RM of
Soil Texture	Clay Loam
Previous Crop	Wheat
Tillage	Minimal Tillage
Seeding Date	May 13
Variety	CDC Jasper
Seeding Rate	2.75 bu/ac
Row Spacing	10"
Plant Stand @ R3.5	119 000 plants/ac
Harvest Date	August 30

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	95%	98%	20%	15%	0%	0%
Severity	1.75	1.8	0.2	0.15	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	61.1	89.8	68.3	72.3
Rainfall	21.6	75.7	119.1	53.2

Overall Yield

	Mean (bu/ac)
Treated	45.1
Untreated	44.6
Yield Difference	0.48
P-value	0.6309
CV	2.7
Significance	No

Yield by Treatment

