

Pea Fungicide Trial

Trial ID: 2019PF01 – R.M. of Rhineland

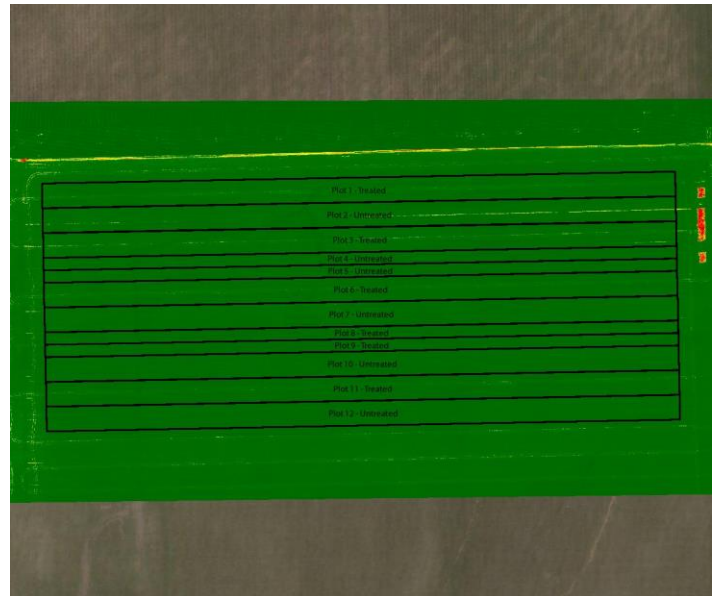
Objective: Quantify the agronomic impacts of a single foliar fungicide application in field peas

Summary: There was a significant seed yield increase of pea with a single fungicide application compared to pea with no fungicide application.

Trial Information

Treatment	Delaro
Application Timing	R2
Application Date	July 1
Application Rate	20 ac/jug
Application Method	Ground
Rural Municipality	Rhineland, RM of
Soil Texture	Clay / Loam
Previous Crop	Wheat
Seeding Date	May 7
Variety	AAC Lacombe
Seeding Rate	3.2 bu/ac
Row Spacing	7"
Plant Stand @ R3.5	208 000 plants/ac
Harvest Date	August 20

NDVI Field Image – July 16, 2019



Summary of Disease Rating (R3.5) †

	Ascochyta Foliar		Ascochyta Stem		White Mold	
	UN	TRT	UN	TRT	UN	TRT
Incidence	70%	35%	5%	2%	8%	27%
Severity	1.1	0.5	0.1	0.0	0.1	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	56.4	85.2	75.4	65.5
Rainfall	44.9	44.3	59.9	38.4

Overall Yield

	Mean (bu/ac)
Treated	64.4
Untreated	61.2
Yield Difference	3.2
P-Value	0.004
CV	3.8%
Significance	Yes

Yield by Treatment

