

Pea Fungicide Trial

Trial ID: 2019PF05 – R.M. of Two Borders

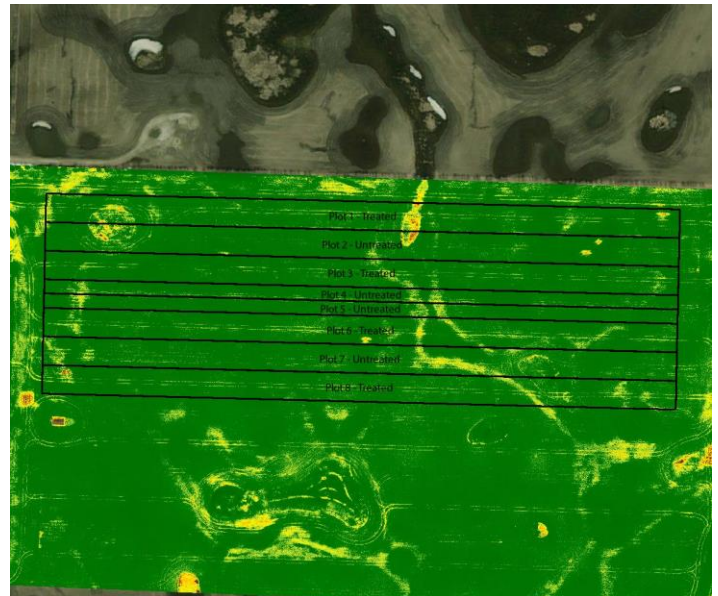
Objective: Quantify the agronomic impacts of a double foliar fungicide application in field peas

Summary: There was no significant yield difference between pea with a single fungicide application and pea with a double application.

Trial Information

Treatment	Delaro (Single & Double)
Application Timing	Early Flower / Seeds Forming
Application Date	July 2 / July 15
Application Rate	356 ml/ac
Application Method	Broadcast
Rural Municipality	Two Borders, RM of
Soil Texture	Loamy Clay Loam
Previous Crop	Barley
Tillage	Minimal Tillage
Seeding Date	May 6
Variety	CDC Amarillo
Seeding Rate	3 bu/ac
Row Spacing	12"
Plant Stand @ R5	218 000 plants/ac
Harvest Date	August 17

NDVI Field Image – July 22, 2019



Summary of Disease Rating (R3.5)†

	Ascochyta Foliar		Ascochyta Stem		White Mold	
	Sing.	Doub.	Sing.	Doub.	Sing.	Doub.
Incidence	98%	95%	30%	13%	0%	0%
Severity	2.73	1.95	1.13	0.45	0.0	0.0

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

Overall Yield

	Mean (bu/ac)
Double Application	66.1
Single Application	62.1
Yield Difference	4
P-Value	0.3454
CV	9.3%
Significance	No

Precipitation (mm)

	May	June	July	August
Normal	46.9	83.7	65.2	57.6
Rainfall	21.6	81	52.2	90.8

Yield by Treatment

