



**on-farm network**  
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# Pea Fungicide Trial

**Trial ID:** 2019PF07 – R.M. of Swan Valley West

**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

<b>Treatment</b>	Dyax
<b>Rural Municipality</b>	Swan Valley West, RM of
<b>Soil Texture</b>	Clay Loam
<b>Row Spacing</b>	10"
<b>Plant Stand @ R3</b>	144 000 plants/ac
<b>Harvest Date</b>	August 13

## Precipitation (mm)

	May	June	July	August
<b>Normal</b>	45.4	84.2	85.6	68.3
<b>Rainfall</b>	23.3	30.1	69.6	53

## Summary of Disease Rating (R3)<sup>†</sup>

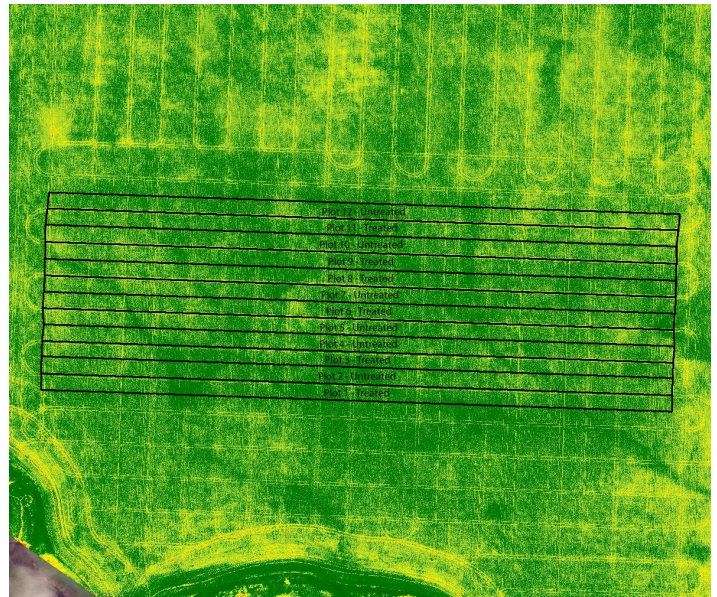
	Ascochyta Foliar		Ascochyta Stem		White Mold	
	UN	TRT	UN	TRT	UN	TRT
<b>Incidence</b>	24%	35%	0%	0%	12%	8%
<b>Severity</b>	0.24	0.35	0.0	0.0	0.08	0.12

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

## Overall Yield

	Mean (bu/ac)
<b>Treated</b>	74.7
<b>Untreated</b>	72.4
<b>Yield Difference</b>	2.3
<b>P-Value</b>	0.0244
<b>CV</b>	3.1
<b>Significance</b>	<b>Yes</b>

## NDVI Field Image – July 21, 2019



## Yield by Treatment

