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# Pea Fungicide Trial

**Trial ID:** 2019PF04 – R.M. of Elton

**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

<b>Treatment</b>	Headline EC
<b>Application Timing</b>	R1
<b>Application Date</b>	July 6
<b>Application Rate</b>	20 ac/jug
<b>Application Method</b>	Ground
<b>Rural Municipality</b>	Elton, RM of
<b>Soil Texture</b>	Clay Loam
<b>Previous Crop</b>	Canola
<b>Tillage</b>	Zero Tillage
<b>Seeding Date</b>	April 25
<b>Variety</b>	CDC Amarillo
<b>Seeding Rate</b>	3 bu/ac
<b>Row Spacing</b>	10"
<b>Plant Stand @ R6</b>	175 000 plants/ac
<b>Harvest Date</b>	August 20



## Summary of Disease Rating (R3.5) †

	Ascochyta Foliar		Ascochyta Stem		White Mold	
	UN	TRT	UN	TRT	UN	TRT
<b>Incidence</b>	58%	66%	62%	74%	0%	0%
<b>Severity</b>	0.6	0.7	0.7	1.1	0.0	0.0

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

## Overall Yield

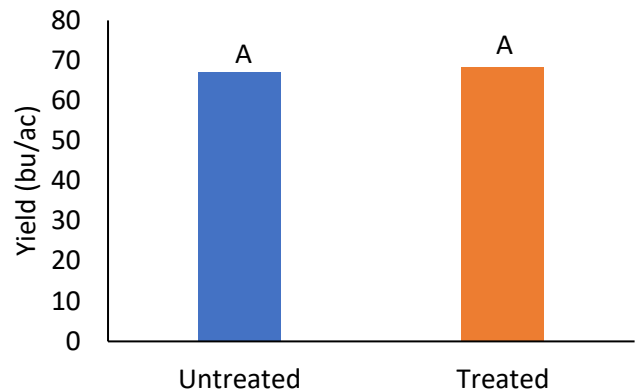
	Mean (bu/ac)
<b>Treated</b>	68.4
<b>Untreated</b>	67.1
<b>Yield Difference</b>	1.3
<b>P-Value</b>	0.2942
<b>CV</b>	2.2%
<b>Significance</b>	<b>No</b>

NDVI Field Image July 17, 2019

## Precipitation (mm)

	May	June	July	August
<b>Normal</b>	51.2	72.8	74.4	67.5
<b>Rainfall</b>	29.3	69.8	83.8	83.4

## Yield by Treatment





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## Soybean Seed Treatment Trial