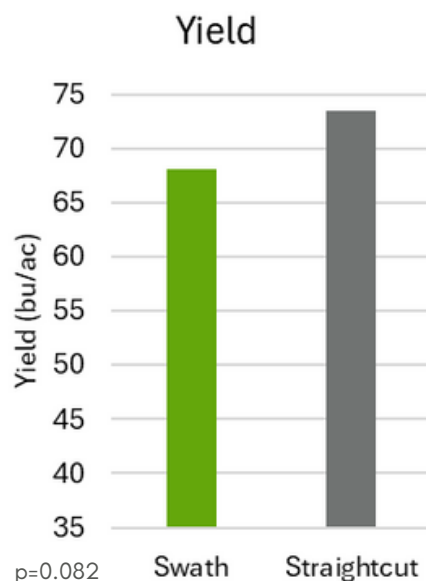


# Harvest Management Trial HM\_02

## Site Info

<b>Trial ID:</b>	HM_02
<b>Rural Municipality:</b>	Grey
<b>Seeding Date:</b>	May 9, 2025
<b>Row Spacing:</b>	10 in.
<b>Variety:</b>	Dekalb 800LL
<b>Seed Treatment:</b>	Prosper/Buteo
<b>In-Season Fungicide:</b>	N/A
<b>Swath Date:</b>	August 25, 2025
<b>Harvest Date:</b>	September 23, 2025
<b>Harvest Implement:</b>	Pick up Header



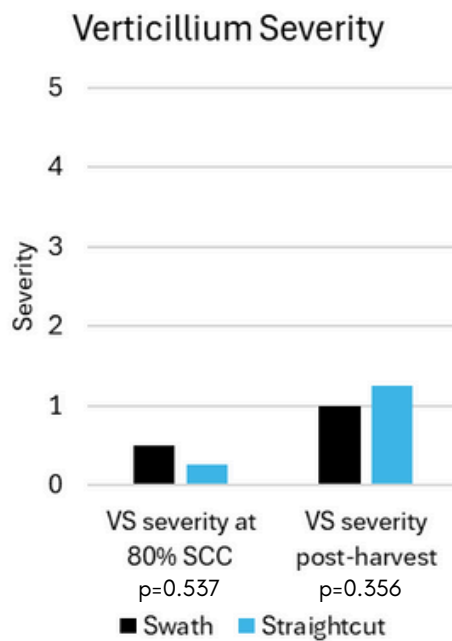
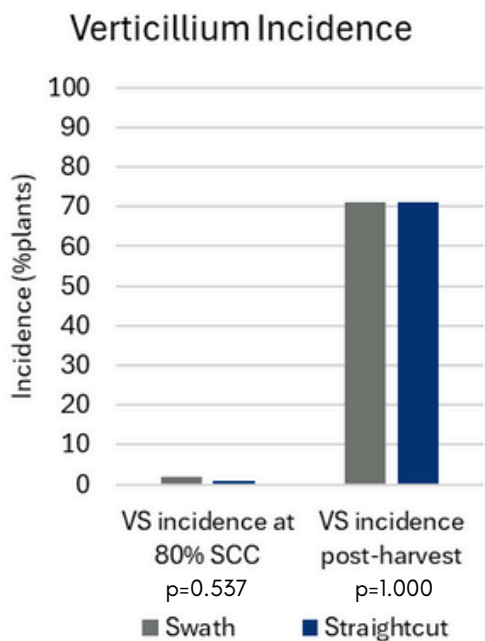
## Results Summary

**Verticillium:** Verticillium stripe was not significantly influenced by harvest management practices within the 2025 season.

**Blackleg:** Blackleg was observed at very low amounts in the swath treatment, and not observed in the straightcut treatment - the difference between 3% and 0% incidence is statistically significantly different.

**Grain Yield:** The swathing treatment lowered yield relative to straightcutting in this trial, however did not cross the threshold for statistical significance.

**Profitability:** Swathing increased costs without producing significantly greater yield, losing approximately \$12/ac compared to the straightcut treatment.



Within each sampling timing, treatments with different lowercase letters are significantly different at 95% confidence level ( $p < 0.05$ ). Sampling timings with no lowercase letters listed indicate an insignificant treatment effect.

# Harvest Management Trial HM\_02 Continued



## HM\_02 Weather

	Apr	May	June	July	Aug	Sept	Total
Rainfall (mm)	26.3	68.6	28.0	92.4	80.2	83.8	379.3
Avg Daily Temp (°C)	4.7	14.3	17.7	19.3	19.2	15.9	

## HM\_02 Economic Analysis

Treatment	Mean yield (bu/ac)	Change in Cost from Farm Standard <sup>1</sup>	Change in Profit from Farm Standard <sup>2</sup>
Straightcut	73.47	\$0/ac	-
Swath	68.02	\$12/ac	-\$12/ac
P-value	0.082		
CV	6.36		

<sup>1</sup> Based on 2025 MB Cost of Production: estimated cost of canola swather operation ~\$12/ac

<sup>2</sup> Change in profit is calculated as the difference in grain sales income (based on estimated canola sale price of \$13.25/bu) and treatment costs, relative to the standard farm practice. Yields were not significantly different in this trial, therefore there are no differences in grain sales income.



Agronomic Support for this Trial  
Provided by: