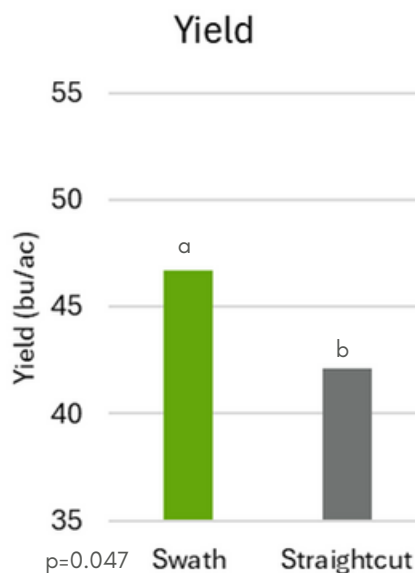


# Harvest Management Trial

## HM\_05

### Site Info

**Trial ID:** HM\_05  
**Rural Municipality:** Morris  
**Seeding Date:** May 6, 2025  
**Row Spacing:** 10 in.  
**Variety:** P508MCL  
**Seed Treatment:** Helix Vibrance + Lumiderm/Lumiscend  
**In-Season Fungicide:** N/A  
**Swath Date:** August 12, 2025  
**Harvest Date:** August 27, 2025  
**Harvest Implement:** Lexion Combine



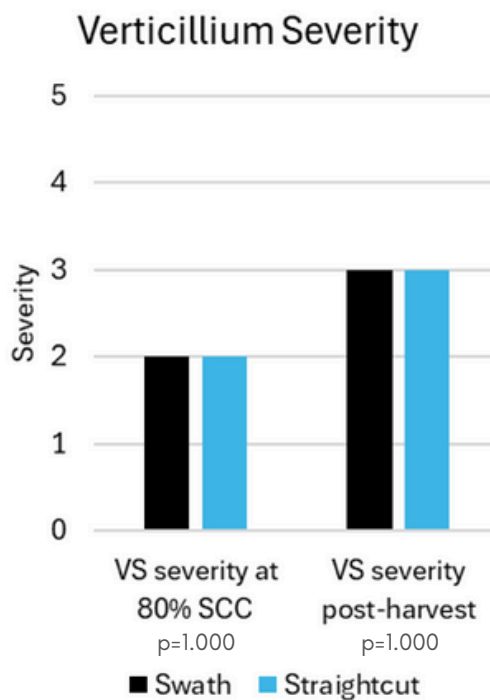
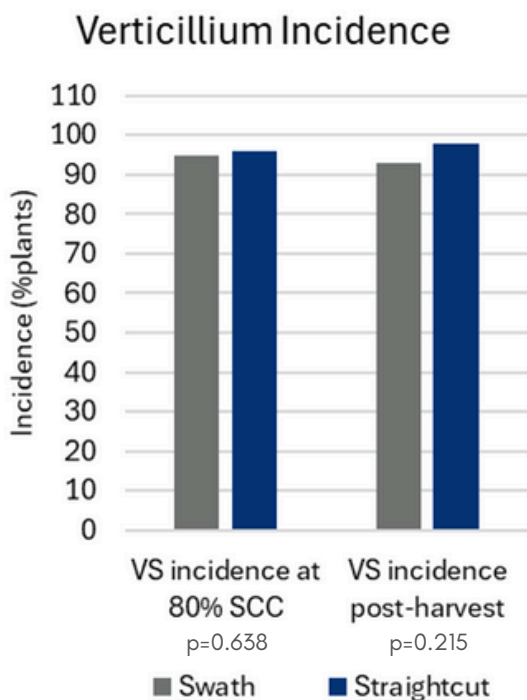
### Results Summary

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

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

**Grain Yield:** The swathing treatment significantly increased yield relative to straightcutting in this trial.

**Profitability:** The increased costs of swathing could be offset by increased yield, profiting approximately \$49/ac more 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\_05 Continued



## HM\_05 Weather

	Apr	May	June	July	Aug	Sept	Total
Rainfall (mm)	15.6	52.0	34.6	60.4	58.1	63.6	284.3
Avg Daily Temp (°C)	4.6	14.8	17.4	18.9	19.1	16.1	

## HM\_05 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	42.10 <sup>b</sup>	\$0/ac	-
Swath	46.68 <sup>a</sup>	\$12/ac	\$49/ac
P-value	0.047		
CV	7.73		

<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 significantly increased by the swath treatment at this trial, therefore providing increased grain sales income.



Agronomic Support for this Trial  
Provided by: