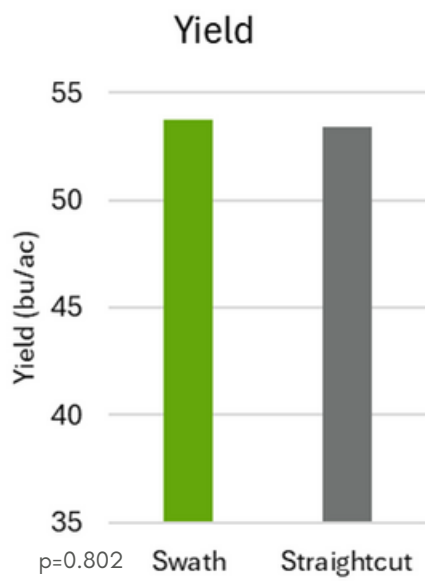


Harvest Management Trial

HM_04

Site Info

Trial ID: HM_04
Rural Municipality: Emerson-Franklin
Seeding Date: May 12, 2025
Row Spacing: 7.5 in.
Variety: B3018N
Seed Treatment: Lumiscend + Lumiderm
In-Season Fungicide: Viatude
Swath Date: August 23, 2025
Harvest Date: September 8, 2025
Harvest Implement: John Deere S680



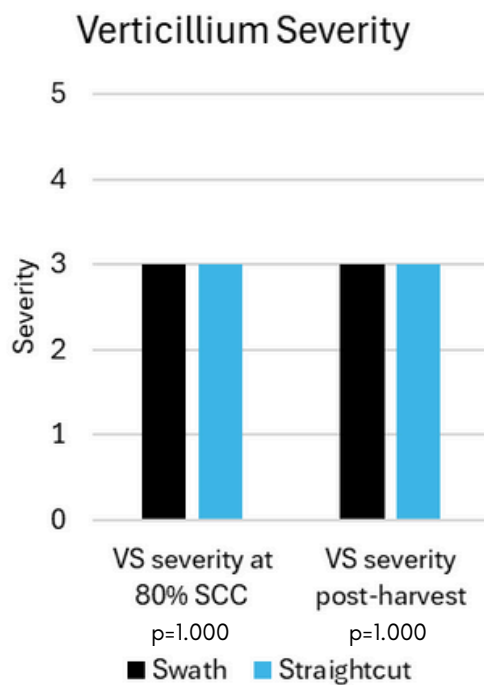
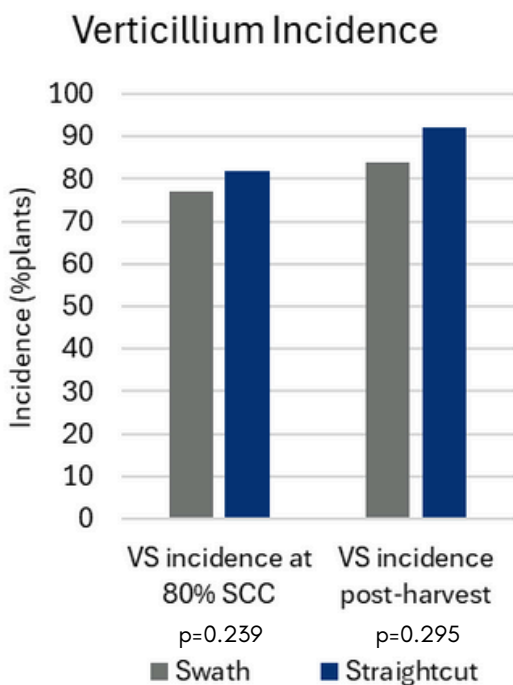
Results Summary

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 choice of swathing or straightcutting had no significant influence on grain yield in this trial.

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_04 Continued



HM_04 Weather

	Apr	May	June	July	Aug	Sept	Total
Rainfall (mm)	19.3	52.8	31.3	113.3	42.1	66.9	325.7
Avg Daily Temp (°C)	5.1	14.8	17.8	19.2	19.5	16.3	

HM_04 Economic Analysis

Treatment	Mean yield (bu/ac)	Change in Cost from Farm Standard ¹	Change in Profit from Farm Standard ²
Straightcut	53.41	\$0/ac	-
Swath	53.75	\$12/ac	-\$12/ac
P-value	0.802		
CV	3.12		

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

² 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: