

Variety Trial—Malt Barley

Trial ID: 2020-BV01 — R.M. of Morris

Objective: The purpose of this project is to quantify the agricultural characteristics and malting quality of barley varieties across Manitoba.

TRIAL INFORMATION					
Location	Lowe Farm				
Previous Crop	Canola				
Soil Texture	Clay				
Tillage	Conventional				
Planting Date	April 30, 2020				
Varieties	AAC Synergy CDC Fraser				
Row Spacing	9″				
Seeding Rate	105 lbs/ac				
Fertilizer (N-P-K-S)	95N 30P 40K				
Harvest Date	August 20, 2020				
PRECIPITATION ⁺					
May	June July	Aug	Total		

Rainfall	11	79	99	118	306
Normal	56	84	65	74	278
[†] Growing season precipitation (mm)					

	BARLEY QUALITY			
	Plant Stand/ft ²	Protein (%)	Germination (%)	
AAC Synergy	16 ^A	11.6	96.4	
CDC Fraser	14 ^A	12.2	96.4	

OVERALL YIELD			
	Mean (bu/ac)		
AAC Synergy	84.1 ^A		
CDC Fraser	71.1 ^A		
P-Value	0.149		
cv	13.29%		
Significance	No		



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	lasel	08.03	69.96	/5./2	/ 2.18
AAC S	ynergy	98.65	81.76	70.88	85.06

Summary: There was no significant difference in yield between the two treatments. Rainfall was slightly above normal throughout the growing season. Germination was excellent and both varieties made malting quality.



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