



Variety Trial—Malt Barley

Trial ID: 2021-BV02 — 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	Low Farm
Previous Crop	Soybeans
Soil Texture	Clay
Tillage	Conventional Tillage
Planting Date	April 27, 2021
Varieties	AAC Synergy AAC Connect CDC Churchill
Row Spacing	9"
Seeding Rate	110 lbs/ac
Fertilizer (N-P-K-S)	109N 74P 74K 19S
Harvest Date	August 18, 2021

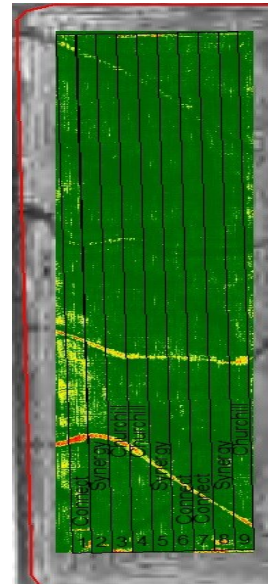
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	60	56	32	28	177
Normal	52	82	69	42	245

†Growing season precipitation (mm) - May 01—Aug 15

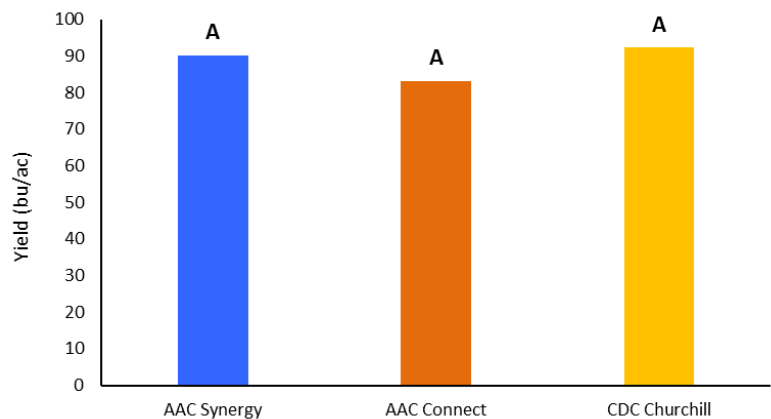
BARLEY QUALITY			
	Plant Stand/ft ²	Protein (%)	Germination (%)
AAC Synergy	19 ^A	13.2	98.8
AAC Connect	16 ^A	13.5	98.8
CDC Churchill	23 ^A	13.0	98.2

OVERALL YIELD	
	Mean (bu/ac)
AAC Synergy	90.2 ^A
AAC Connect	83.2 ^A
CDC Churchill	92.4 ^A
P-Value	0.2444
CV	6.60%
Significance	No

FIELD IMAGE



YIELD BY TREATMENT



Summary: There was no significant difference in yield or plant stand between the three varieties. Rainfall was below normal for the growing season. Germination was excellent and all three varieties made malting quality.



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