

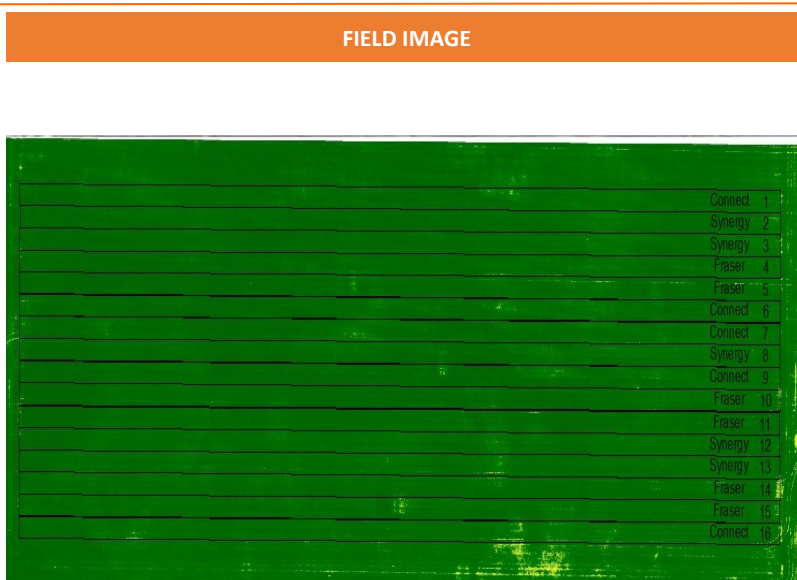


Variety Trial—Malt Barley

Trial ID: 2021-BV04 — R.M. of Oakland-Wawanesa

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

TRIAL INFORMATION	
Location	Wawanesa
Previous Crop	Canola
Soil Texture	Fine Loams
Tillage	Minimal Tillage
Planting Date	April 29, 2021
Varieties	AAC Synergy AAC Connect CDC Fraser
Row Spacing	10"
Seeding Rate	90 lbs/ac
Fertilizer (N-P-K-S)	81N 30P
Harvest Date	August 06, 2021



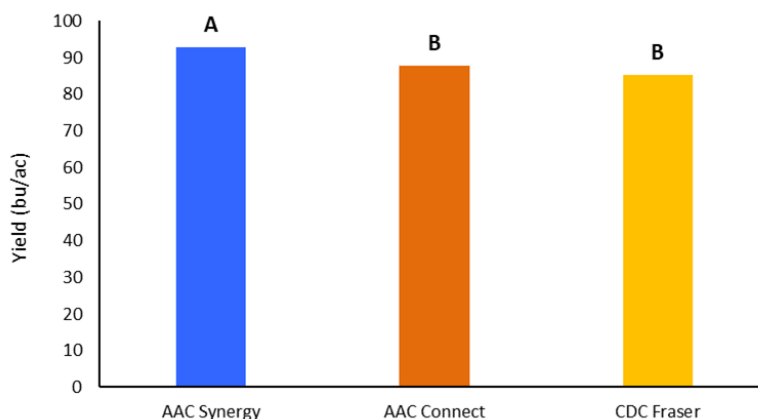
PRECIPITATION†					
	May	June	July	Aug	Total
Rainfall	33	71	18	14	135
Normal	49	67	76	26	218

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

BARLEY QUALITY			
	Plant Stand/ft ²	Protein (%)	Germination (%)
AAC Synergy	17 ^A	12.0	99.5
AAC Connect	20 ^A	12.8	99.4
CDC Fraser	22 ^A	12.1	99.5

OVERALL YIELD	
	Mean (bu/ac)
AAC Synergy	92.7 ^A
AAC Connect	87.7 ^B
CDC Fraser	85.3 ^B
P-Value	0.0127
CV	2.73%
Significance	Yes

YIELD BY TREATMENT



Summary: There was a significant difference in yield between AAC Synergy compared to AAC Connect and CDC Fraser. There was no significant difference in plant stand between varieties. Rainfall was well below normal for the growing season. Germination was excellent and all three varieties made malting quality.



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