

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.

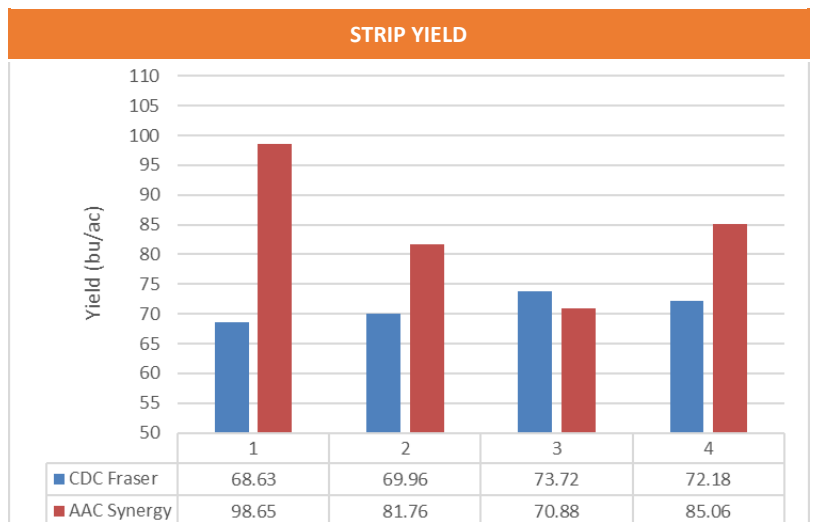
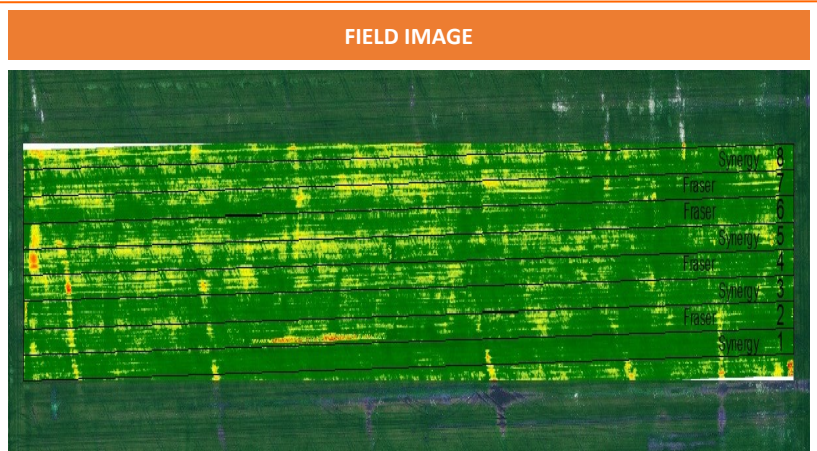
TRIAL INFORMATION	
Location	Low Farm
Previous Crop	Canola
Soil Texture	Clay
Tillage	Conventional
Planting Date	April 30, 2020
Varieties	AAC Synergy CDC Fraser
Row Spacing	9"
Seeding Rate	105 lbs/ac
Fertilizer (N-P-K-S)	95N 30P 40K
Harvest Date	August 20, 2020

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



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.