



# Malt Barley—Variety

**Trial ID: 2022-BV01 — R.M. of Victoria**

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

**Summary:** There was no significant yield difference but there was a significant difference in plant stands between the different varieties; no lodging was observed. Germination was good for AAC Connect and made malting quality; however, AAC Synergy did not meet malting quality as germination was below 95%.

## Trial Information & Observations

Soil Texture	Clay Loams
Previous Crop	Sunflower
Tillage	Conventional
Seeding Equipment	30' Air Drill
Seeding Date	May 17
Seeding Rate	96 lbs/ac
Varieties	AAC Synergy AAC Connect
Row Spacing	7.5"
Harvest Date	August 23



AAC Synergy and AAC Connect plant stand at 2-leaf

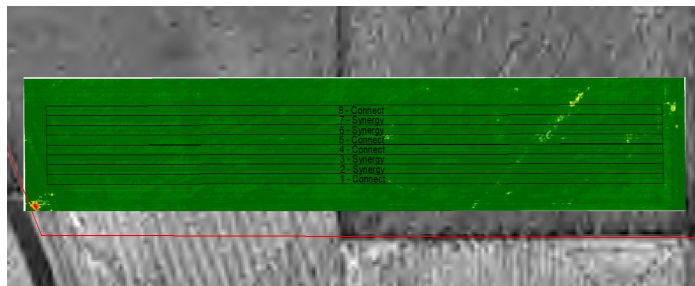


Seeding the trial on May 17

## Overall Yield

	Mean (bu/ac)
AAC Synergy	105.4
AAC Connect	109.9
P-Value	0.0615
CV	2.03%
Significance	No

## NDVI Imagery July 24



## Precipitation<sup>†</sup> (mm)

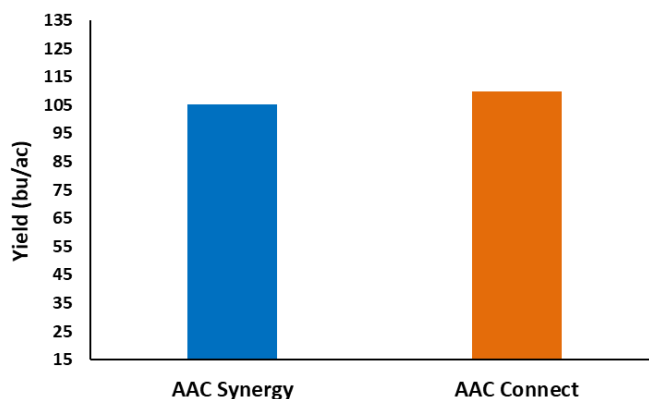
	May	June	July	Aug	Total
Rainfall	122	86	135	15	359
Normal	60	75	82	59	276
% Normal	204%	114%	165%	26%	130%

<sup>†</sup>Growing season precipitation (mm) - May 01—Aug 15

## Malt Barley Response & Quality

	Plants/ft <sup>2</sup>	Lodging Severity (1-9)	Germination (%)	Protein (%)
AAC Synergy	17 <sup>A</sup>	1	94.0	12.5
AAC Connect	21 <sup>B</sup>	1	96.5	12.1

## Yield by Treatment



MCA and CMBTC would like to thank Tone Ag Consulting Ltd. for the research support for this trial.



MANITOBA CROP ALLIANCE

Phone: 204-745-6661  
Website: mbcropalliance.ca  
Email: hello@mbcropalliance.ca



Phone: 204-985-4399  
Website: cmbtc.com  
Email: cmbtc@cmbtc.com