



Malt Barley—Variety

Trial ID: 2022-BV06 — R.M. of Glenella-Lansdowne

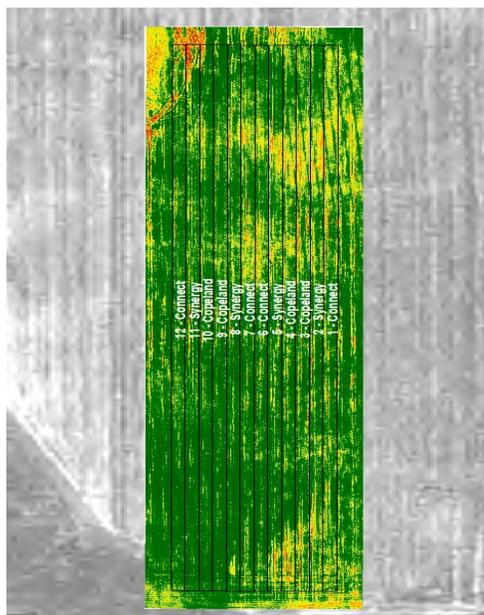
Objective: The purpose of this project is to quantify the agricultural characteristics of malting quality of barley varieties across Manitoba.

Summary: There was a significant difference between the different varieties in yield; no significant difference was detected in plant stand. Germination was poor for all varieties and did not meet malting quality (below 95%).

Trial Information

Soil Texture	Fine Loam
Previous Crop	Soybeans
Tillage	Conventional
Seeding Equipment	43' Disc Drill
Seeding Date	July 07
Seeding Rate	105 lbs/ac
Varieties	AAC Synergy AAC Connect CDC Copeland
Row Spacing	10"
Harvest Date	October 21

NDVI Imagery August 11



Malt Barley Response & Quality

	Plants/ft ²	Lodging Severity (1-9)	Germination (%)	Protein (%)
AAC Synergy	12	—	86.0	12.5
AAC Connect	14	—	90.5	12.0
CDC Copeland	13	—	84.0	12.1

Precipitation[†] (mm)

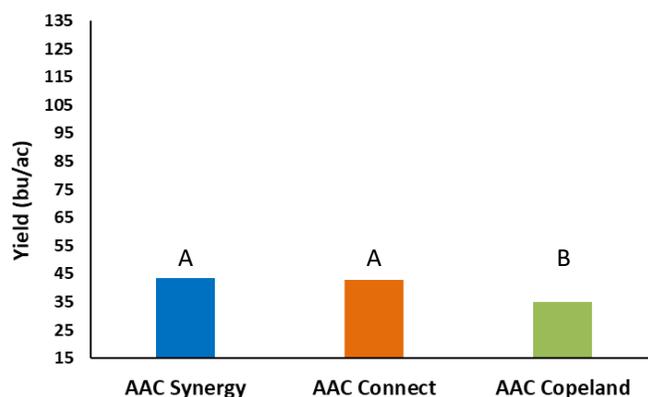
	May	June	July	Aug	Total
Rainfall	142	119	66	43	370
Normal	50	66	62	57	234
% Normal	285%	180%	107%	76%	158%

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

Overall Yield

	Mean (bu/ac)
AAC Synergy	43.4 ^A
AAC Connect	42.9 ^A
CDC Copeland	34.8 ^B
P-Value	0.0117
CV	7.50%
Significance	Yes

Yield by Treatment



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