

Malt Barley Variety Trial

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

Summary: One site-year showed a significant difference in yield, plant stand and germination. All varieties except CDC Copper had good germination and met malting quality.

Trial ID	Rural Municipality	Seeding Date	Variety	Plant Stand /ft ²	Yield bu/ac	Protein %	Germination %	CV %	P-Value	Statistically Significant @ 95%
2020-BV01	Morris	Apr 30	AAC Synergy	16	84.1	11.6	96.4	13.3	0.1490	No
			CDC Fraser	14	71.1	12.2	96.4			
2020-BV02	Victoria	May 12	AAC Synergy	17	92.4	11.9	99.0	5.4	0.0765	No
			AAC Connect	17	85.3	11.6	98.8			
2020-BV03	Oakland-Wawanesa	May 20	AAC Synergy	16	95.1	11.5	98.6	6.3	0.0353	Yes
			AAC Connect	18	91.6	11.3	98.3			
			AAC Goldman	11	85.0	11.8	96.5			
2020-BV04	Argyle	May 22	AAC Synergy	13	86.7	11.8	98.9	6.2	0.0783	No
			CDC Fraser	15	79.0	11.8	99.1			
			CDC Copper	15	86.0	11.8	91.6			
			CDC Bow	13	81.9	11.9	97.8			
2020-BV05	Pembina	May 22	AAC Synergy	21	97.7	11.2	97.9	6.1	0.6600	No
			AAC Connect	20	95.7	11.6	96.6			
			CDC Copper	21	100.0	11.6	93.6			

Indicates Statistical Difference at 95% confidence interval

