



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: Three site-years showed a significant difference in yield, plant stand and germination. All varieties except CDC Bow had good germination and met malting quality.

Single Site Analysis

Trial ID	Rural Municipality	Variety	Plant Stand /ft ²	Yield bu/ac	Protein %	Germination %	CV %	P-Value	Statistically Significant @ 95%
2021-BV02	Morris	AAC Synergy	19	90.2	13.2	98.8	6.60	0.2444	No
		AAC Connect	16	83.2	13.5	98.8			
		CDC Churchill	23	92.4	13.0	98.2			
2021-BV03	Westlake-Gladstone	AAC Synergy	18	18.7 ^B	15.5	97.7	4.38	0.0009	Yes
		CDC Bow	16	14.8 ^C	16.0	94.5			
		CDC Copper	12	22.5 ^A	15.6	97.3			
2021-BV04	Oakland-Wawanesa	AAC Synergy	17	92.7 ^A	12.0	99.5	2.73	0.0127	Yes
		AAC Connect	20	87.7 ^B	12.8	99.4			
		CDC Fraser	22	85.3 ^B	12.1	99.5			
2021-BV05	Victoria	AAC Synergy	14	95.0 ^A	12.5	97.8	3.21	0.0386	Yes
		AAC Connect	14	87.6 ^B	13.8	98.9			

Indicates Statistical Difference at 95% confidence interval



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