



Barley Seeding Rate Trials

Objective: The purpose of this project is to quantify the agronomic and economic impacts of reducing and increasing normal seeding rate in barley.

Summary: None of the site-years showed a significant yield difference between the three seeding rates.

Summary of 2022 barley seeding rate trial yield results by site-year

Trial ID	Rural Municipality	Row Spacing inch	Seeding Rate			Plant Stand @ Midseason			Yield			CV %	P-Value	Statistically Significant @ 95%
			Low	Med	High	Low	Med	High	Low	Med	High			
			lbs/ac			/ft ²			bu/ac					
BP01	Wallace-Woodworth	12	85	108	135	19 ^B	20 ^B	22 ^A	97.1	92.9	97.6	7.36	0.6069	No
BP03	De Salaberry	10	125	145	165	22 ^C	26 ^B	30 ^A	97.6	99.2	97.8	3.03	0.7242	No
BP04	Westlake-Gladstone	7	88	110	131	18 ^B	19 ^B	24 ^A	59.8	60.1	58.8	10.37	0.9508	No
BP05	Rockwood	10	125	150	175	21	23	26	48.6	46.9	48.4	3.84	0.4964	No



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