



## 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:** One site-year showed a significant yield difference between the three seeding rates.

Summary of 2023 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 <sup>2</sup>			bu/ac					
BP01	De Salaberry	10	106	136	166	23	27	27	81.8	79.1	79.7	2.72	0.2622	No
BP02	Oakland-Wawanesa	10	90	110	130	22 <sup>B</sup>	26 <sup>A</sup>	26 <sup>A</sup>	85.7	86.6	91.2	5.25	0.2752	No
BP03	Westlake-Gladstone	10	105	130	155	11	13	15	70.7 <sup>B</sup>	76.9 <sup>A</sup>	75.6 <sup>A</sup>	3.05	0.0253	Yes
BP04	St. Clements	10	105	135	165	24	28	28	81.9	80.2	80.3	1.77	0.2613	No
BP05	St. Francois Xavier	10	115	140	165	22 <sup>B</sup>	23 <sup>B</sup>	27 <sup>A</sup>	106.1	105.2	113.3	5.94	0.2264	No
BP06	MacDonald	10	90	115	140	9	10	13	88.2	83.8	90.3	4.00	0.0938	No
BP07	Cartier	8	80	100	120	13 <sup>C</sup>	16 <sup>B</sup>	20 <sup>A</sup>	87.6	97.8	96.8	7.84	0.1770	No
BP08	Rockwood	10	78	108	138	18	20	21	91.7	92.2	92.0	3.74	0.9831	No



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