



Canola Seeding Rate Trials

Objective: To identify optimal seeding rates based on return on investment.

Summary: The four sites did not show any significant yield differences between the different seeding rates of reduced rate (75% of standard rate), standard rate (100% of standard rate), and the higher rate (125% of standard rate).

Single Site Analysis

Trial ID	Rural Municipality	Variety	Yield			CV	P-Value	Statistically Significant
			Reduced Seeding Rate (75%)	Standard Seeding Rate (100%)	High Seeding Rate (125%)			
			bu/ac			%	@ 95%	
Combined Analysis	--	--	49.5 ^a	49.3 ^a	50.2 ^a		0.0507	No
CSR_01	SWAN VALLEY WEST	L343	52.9	50.4	53.1	5	0.33	No
CSR_03	ROBLIN	L83SC	46.2	47.3	46.5	1.7	0.095	No
CSR_04	BROKENHEAD	L357P	55.5	56.1	57.3	2	1	No
CSR_05	TWO BORDERS	L233	43.3	43.5	45.2	6	0.96	No

Indicates Statistical Difference at 95% Confidence Interval



Figure 1. 2022 MCGA on-farm trial locations organized by trial type.