



Canola Seeding Rate Trial

Trial ID: CSR_03 – Roblin, MB [RM of ROBLIN]

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

Summary: There was no significant yield difference between the reduced seeding rate (75% of standard), the standard rate (100% of standard), and the higher seeding rate (125% of standard).

Trial Information

- Treatment:**
- **Reduced seeding rate (75%): 6.2 lbs/ac**
 - **Standard seeding rate (100%): 6.4 lbs/ac**
 - **High seeding rate (125%): 6.8 lbs/ac**

Previous Crop	Oats
Seeding Equipment	New Holland Flexicoil
Seeding Date	May 31, 2022
Variety	DKLL83SC
TKW	5.7 g/1000 seeds
Seed Treatment	Vercoras
Harvest Date	October 6, 2022

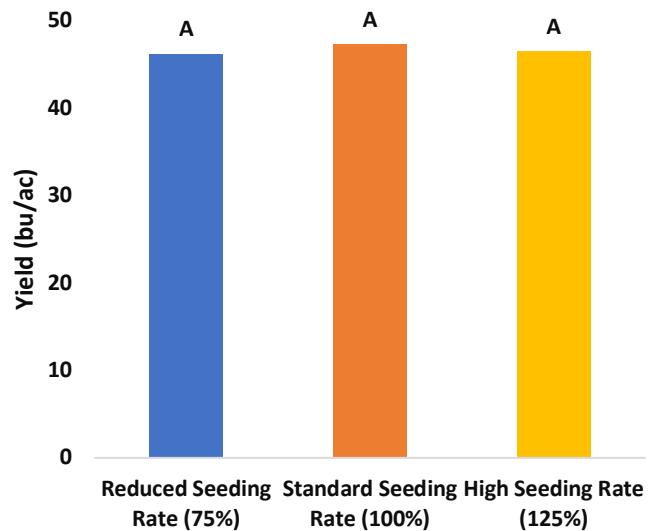
Location of Trial



Precipitation (mm)

	Rainfall (mm) (% of average)	Average Daily Temp. (C°)
April	3 (4%)	-2
May	141 (166%)	10
June	100 (103%)	15
July	99 (105%)	18
Aug	25 (30%)	18
Sept	16 (17%)	13
Total	384	

Yield by Treatment



Overall Yield & Results

	Seeding Rate (Lbs seed/ac)	Plant Count 4-leaf	Emergence %	Yield (bu/ac)
Reduced (75%)	3.8	6.2		46.2
Standard (100%)	5	6.4		47.3
High (125%)	6.2	6.8		46.5
P-Value		0.3324		0.095
CV		17		1.7
Significance		No		No

Seedling Uniformity Photos



Reduced seeding rate (75%)



Standard seeding rate (100%)



Higher seeding rate (125%)