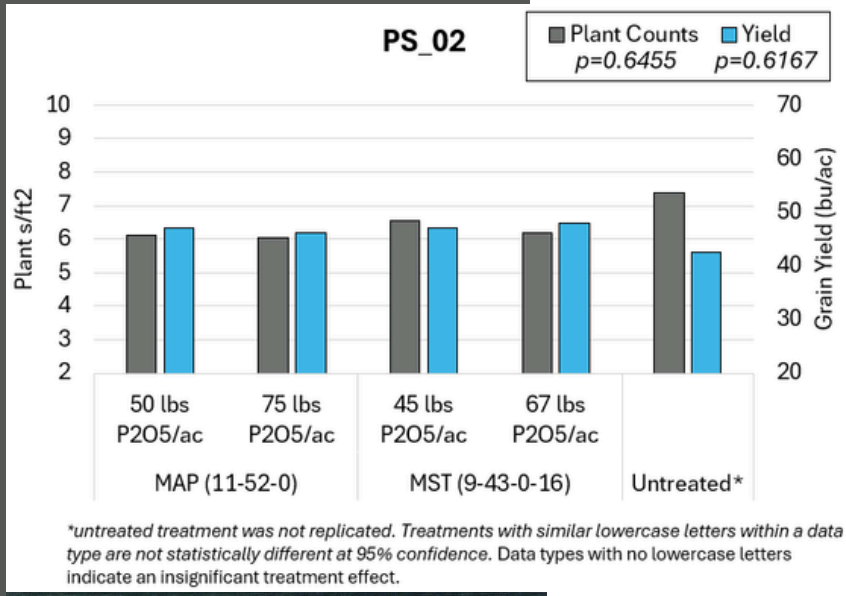


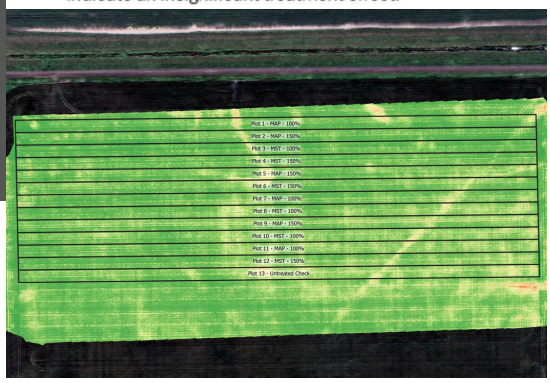
untreated treatment was not replicated. Treatments with similar lowercase letters within a data type are not statistically different at 95% confidence. Data types with no lowercase letters indicate an insignificant treatment effect.

Phosphorus Source Trial

PS_02

Site Info

Trial ID: PS_02
Rural Municipality: Grey
Seeding Date: May 11, 2024
Soil Residual P (0-6in): 13ppm
Seeding Equipment: New Holland P250 Air Drill
Opener Type: Spikes
Row Spacing: 10 in
Seedbed Utilization: 7.5%
Seeding Rate: 5 lbs/ac (5 TKW)
Variety: B3017N
Harvest Date: Sept 7, 2024



Treatment	Phosphorus Source	Rate	Total P @ Rosette	Grain Moisture
		(lbs. P_2O_5/ac)	(%)	(%)
1	MAP 11-52-0	50	0.69	7.3
2	MAP 11-52-0	75	0.78	7.1
3	MST 9-43-0-16	45	0.71	7.1
4	MST 9-43-0-16	67	0.74	7.2
p-value			*0.4886*	*0.2579*

Results Summary

Plant Establishment: There was no significant effect of P source treatments or rates on plant establishment in this trial.
P Tissue: There was no significant effect of P source on P tissue concentration at rosette stage in this trial.
Grain Yield: There was no significant of P source treatments on grain yield in this trial.
P availability for canola uptake is highly dependent on environmental conditions, these results are all from a single location in a single year. Caution should be used when interpreting results and making management decisions from data with limited replication.

	Apr	May	June	July	Aug	Sept	Total
Rainfall (mm)	30.5	108.4	118.7	40.2	54.5	52.2	404.5
Avg Daily Temp (C)	6.1	12.12	16.3	20.73	17.63	17.63	

Agronomic Support for this Trial Provided by:

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