

## Wheat Seed Treatment Trial

**Objective:** The purpose of this project is to quantify the economic and agronomic impacts of using a seed treatment in wheat.

**Summary:** One site-year showed a significant difference in yield using a seed treatment. The remaining trials showed no effect from the seed treatment.

Trial ID	Rural Municipality	Seeding Date	Seed Rate lbs/ac	Yield		Yield Difference bu/ac	CV %	P-Value	Statistically Significant @ 95%
				Treated bu/ac	Untreated bu/ac				
2020-WST01	Rhineland	May 1	120	62.0	61.1	0.9	2.2	0.5460	No
2020-WST02	De Salaberry	May 04	144	55.7	55.3	0.4	2.4	0.7670	No
2020-WST03	Morris	May 1	157	79.4	78.8	0.6	2.1	0.5420	No
2020-WST04	De Salaberry	May 11	132	84.5	83.5	1.0	3.3	0.4590	No
2020-WST05	St. Clements	May 12	125	79.9	79.8	0.1	2.2	0.9710	No
2020-WST06	Tache	May 12	135	73.8	70.2	3.6	5.3	0.2200	No
2020-WST07	Dauphin	May 17	120	70.6	70.4	0.2	3.4	0.8067	No
2020-WST08	Gilbert Plains	May 26	120	80.1	76.1	<b>4.0</b>	4.8	0.0037	<b>Yes</b>
2020-WST09	North Norfolk	May 30	114	47.6	48.5	-0.9	4.2	0.4041	No

Indicates Statistical Difference at 95% confidence interval

