



Wheat Enhanced Efficiency Fertilizer Usage Trials

Objective: The purpose of the project is to quantify the agronomic and economic impact of enhanced efficiency fertilizer usage on wheat for yield and grain quality.

Summary: None of the site-years showed a significant yield difference between the treatments.

Summary of 2023 wheat enhanced efficiency fertilizer usage trial yield results by site-year

Trial ID	Rural Municipality	Product	Treatment	Yield	Protein	TWT	Falling Number	Grade	CV	P-Value	Statistically Significant @ 95%
				bu/ac	%	(kg/hL)			%		
WN01	Brokenhead	Excelis Maxx	Full N	83.9	15.4	66	320	1	11.87	0.1397	No
			Reduced N	86.3	14.7	67	284	1			
			Full N + Excelis Maxx	84.5	15.2	65	285	1			
			Reduced N + Excelis Maxx	83.8	14.8	67	290	1			



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