



Wheat Fungicide Trials

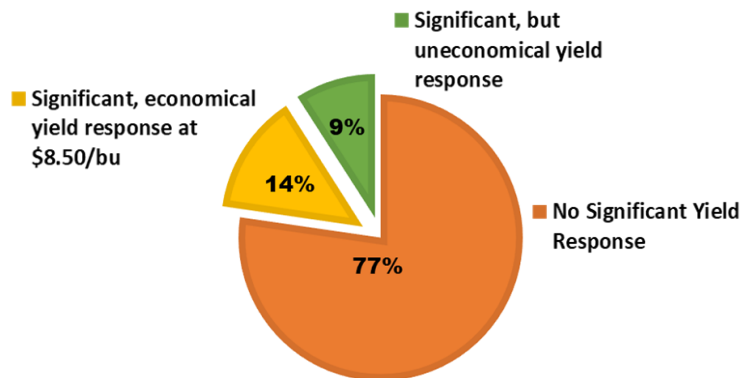
Objective: The purpose of the project is to quantify the impact of fusarium head blight on the quality of harvested grain by comparing a farmer’s normal fungicide application at recommended timing to a fungicide application 3-5 days later.

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

Summary of 2022 wheat fungicide trial yield results by site-year

Trial ID	Rural Municipality	Fungicide Product	Treatment	Yield	Protein	TWT	Falling Number	DON	CV	P-Value	Statistically Significant @ 95%
				bu/ac	%	(kg/hL)			%		
WFHB01	Emerson-Franklin	Prosaro XTR	Early	52.0	12.7	79	365	<0.3	7.09	0.6979	No
			Late	52.0	12.6	80	364	<0.3			
			Untreated	51.1	12.6	80	340	<0.3			

Long Term Results (2018-2022): There have been 22 wheat fusarium head blight (FHB) trials conducted through MCA’s Research on the Farm since 2018. Among those 22 trials there have been 5 statistically significant yield responses to the fungicide application (23% of the time). Most often, the fungicide application has not significantly changed wheat yields.



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