

MSU Soil Fertility Research Program
 RESPONSE OF WINTER WHEAT TO FALL AND SPRING MOP AND BORON
 Trial ID: WHT01-18.19 Location: CAMPUS Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: MOATD

Crop Code	TRZAW						
Crop Name	Winter wheat						
Crop Variety	Starburst						
Description	Yield						
Rating Date	Jul-23-2019						
Rating Type	YIELD						
Rating Unit	bu/ac						
Crop Stage Scale	HARVEST						
ARM Action Codes	TY1						
Number of Decimals	1						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	
1	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FallPPI	102.5 a
	Urea 46-0-0	46 GR		12.3 lb ai/a	26.7 lb/a	FallPPI	
	Urea 46-0-0	46 GR		100 lb ai/a	217 lb/a	GRNUP	
2	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FallPPI	103.4 a
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a	FallPPI	
	Urea 46-0-0	46 GR		12.3 lb ai/a	26.7 lb/a	FallPPI	
	Urea 46-0-0	46 GR		100 lb ai/a	217 lb/a	GRNUP	
3	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FallPPI	104.2 a
	Aspire	58 GR		60 lb ai/a	103 lb/a	FallPPI	
	Urea 46-0-0	46 GR		12.3 lb ai/a	26.7 lb/a	FallPPI	
	Urea 46-0-0	46 GR		100 lb ai/a	217 lb/a	GRNUP	
4	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FallPPI	103.3 a
	Urea 46-0-0	46 GR		12.3 lb ai/a	26.7 lb/a	FallPPI	
	Urea 46-0-0	46 GR		100 lb ai/a	217 lb/a	GRNUP	
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a	GRNUP	
5	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FallPPI	103.1 a
	Urea 46-0-0	46 GR		12.3 lb ai/a	26.7 lb/a	FallPPI	
	Urea 46-0-0	46 GR		100 lb ai/a	217 lb/a	GRNUP	
	Aspire	58 GR		60 lb ai/a	103 lb/a	GRNUP	
6	MESZ	40 GR		60 lb ai/a	150 lb/a	FallPPI	103.1 a
	Urea 46-0-0	46 GR		7 lb ai/a	15.2 lb/a	FallPPI	
	Urea 46-0-0	46 GR		100 lb ai/a	217 lb/a	GRNUP	
	Aspire	58 GR		60 lb ai/a	103 lb/a	GRNUP	
LSD P=.05							6.09
Standard Deviation							5.12
CV							4.96
Replicate F							3.198
Replicate Prob(F)							0.0229
Treatment F							0.072
Treatment Prob(F)							0.9959

Crop Code
 TRZAW, BCER, Triticum aestivum, Winter wheat = US
Rating Type
 YIELD = yield
Rating Unit
 bu/ac = bushels per acre
ARM Action Codes
 TY1 = 6.914286*[1]*(100-[2])/86.5

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.