

MSU Soil Fertility Research Program

RESPONSE OF RED WINTER WHEAT TO SULFUR  
 Trial ID: WHT05-17.18      Location: Campus      Trial Year: 2017  
 Investigator: Kurt Steinke  
 Project ID: SULFURWHT

Crop Code	TRZAW							
Crop Name	Winter wheat							
Crop Variety	Starburst							
Description	bu/ac							
Rating Date	Jul-10-2018							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale								
ARM Action Codes	TY2							
Number of Decimals	0							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Unit	Growth Stage	
1	CHECK	Urea 46-0-0	46 GR	100 lb ai/a	217 lb/a		GRNUP	88 a
2	GYP SUM	Urea 46-0-0	16 GR 46 GR	25 lb ai/a 100 lb ai/a	156 lb/a 217 lb/a		GRNUP GRNUP	88 a
3	GYP SUM	Urea 46-0-0	16 GR 46 GR	50 lb ai/a 100 lb ai/a	313 lb/a 217 lb/a		GRNUP GRNUP	89 a
4	GYP SUM	Urea 46-0-0	16 GR 46 GR	100 lb ai/a 100 lb ai/a	625 lb/a 217 lb/a		GRNUP GRNUP	91 a
5	GYP SUM	Urea 46-0-0	16 GR 46 GR	320 lb ai/a 100 lb ai/a	2000 lb/a 217 lb/a		GRNUP GRNUP	88 a
LSD P=.05								6.3
Standard Deviation								4.1
CV								4.63
Replicate F								11.530
Replicate Prob(F)								0.0008
Treatment F								0.505
Treatment Prob(F)								0.7334

Crop Code  
 TRZAW, BCER, Triticum aestivum, Winter wheat = US

Rating Type  
 YIELD = yield

Rating Unit  
 BU = bushel

ARM Action Codes  
 $TY2 = 9.219048 * [C16] * (100 - [C17]) / 86.5$

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.