

MSU Soil Fertility Research Program
 RESPONSE OF WHITE WINTER WHEAT TO VARIOUS RATES OF NITROGEN, SVRF
 Trial ID: WHT03-16.17 Location: SVRF Trial Year: 2016
 Investigator: Kurt Steinke

Project ID: SVRF NITROGEN

Crop Code	TRZAW							
Crop Name	Winter wheat							
Description	bu/ac							
Rating Date	Jul-17-2017							
Rating Type	YIELD							
Rating Unit	BU							
ARM Action Codes	TY2							
Number of Decimals	0							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	10
1	Check							61 d
2	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		GRNUP	79 bc
3	28% Nitrogen	3	AL	80 lb ai/a	26.7 gal/a		GRNUP	70 cd
4	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a		GRNUP	73 cd
5	28% Nitrogen	3	AL	160 lb ai/a	53.3 gal/a		GRNUP	82 abc
6	28% Nitrogen	3	AL	200 lb ai/a	67 gal/a		GRNUP	75 c
7	28% Nitrogen	3	AL	80 lb ai/a	26.7 gal/a		GRNUP	94 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		FKS5	
8	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a		GRNUP	93 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		FKS5	
9	28% Nitrogen	3	AL	160 lb ai/a	53.3 gal/a		GRNUP	79 bc
	Palisade		AL	12 fl oz/a	12 fl oz/a		FKS6	
	Preference (NIS)		AL	2 fl oz/a	2 fl oz/a		FKS6	
10	28% Nitrogen	3	AL	200 lb ai/a	67 gal/a		GRNUP	88 ab
	Palisade		AL	12 fl oz/a	12 fl oz/a		FKS6	
	Preference (NIS)		AL	2 fl oz/a	2 fl oz/a		FKS6	
LSD P=.05								12.6
Standard Deviation								8.7
CV								10.99
Replicate F								35.512
Replicate Prob(F)								0.0001
Treatment F								5.790
Treatment Prob(F)								0.0002

Crop Code
 TRZAW, BCER, Triticum aestivum, Winter wheat = US
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 TY2 = 9.219048*[7]*(100-[8])/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.