

MSU Soil Fertility Research Program

RESPONSE OF WHITE WINTER WHEAT TO VARIOUS RATES OF NITROGEN, SVRF

Trial ID: WHT12-15.16 Location: SVRF Trial Year: 2015

Investigator: Kurt Steinke

Project ID: SVRF NITROGEN

Crop Code	TRZAW							
Crop Name	Winter wheat							
Crop Variety	Jupiter							
Description	Yield							
Rating Date	Jul-11-2016							
Rating Type	HARVEST							
Rating Unit	BU							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
								9
1	Check							66.5 b
5	28% Nitrogen	3	AL	160 lb ai/a	53.3 gal/a		GRNUP	101.3 a
8	28% Nitrogen	3	AL	120 lb ai/a	40 gal/a		GRNUP	102.4 a
	28% Nitrogen	3	AL	40 lb ai/a	13.3 gal/a		FKS5	
LSD P=.05								8.40
Standard Deviation								4.86
CV								5.39
Replicate F								11.184
Replicate Prob(F)								0.0072
Treatment F								70.819
Treatment Prob(F)								0.0001

Crop Code

TRZAW, BCER, Triticum aestivum (winter), = TRZAW, BCER, Triticum aestivum (winter),

Rating Unit

BU = bushel

ARM Action Codes

$$TY1 = 9.219048 * [C6] * (100 - [C7]) / 86.5$$

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.