

MSU Soil Fertility Research Program

WINTER WHEAT EFFICACY WITH SUPER-U

Trial ID: WHT07-14.15 Location: CAMPUS Trial Year: 2014

Investigator: Kurt Steinke

Project ID: SUPERWHTKOCH

Crop Code							TRZAW	
Crop Name							Winter wheat	
Crop Variety							Red Dragon	
Description							yield	
Rating Date							Jul-16-2015	
Rating Type							YIELD	
Rating Unit							BU	
Crop Stage Scale							HARVEST	
ARM Action Codes							TY1	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit Stage	
				Unit				15
1	Urea 46-0-0	46	GR	90 lb ai/a	196 lb/a		GRNUP	108.6 a
2	Urea+AgrotainDry	46	GR	90 lb ai/a	196 lb/a		GRNUP	106.5 a
3	Super-U	46	GR	90 lb ai/a	196 lb/a		GRNUP	108.4 a
LSD P=.10								12.85
Standard Deviation								9.35
CV								8.67
Bartlett's X2								2.23
P(Bartlett's X2)								0.328
Skewness								-1.0101
Kurtosis								1.734

Means followed by same letter do not significantly differ (P=.10, LSD)
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

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Randomized Complete Block (RCB) AOV For TRZAW Winter wheat Red Dragon yield Jul-16-2015 YIELD BU HARVEST TY1 (Data Column 15)					
Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	11	1059.379890			
Replicate	3	523.601706	174.533902	1.995	0.2163
Treatment	2	10.901756	5.450878	0.062	0.9402
Error	6	524.876429	87.479405		

Crop Code

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

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

TY1 = 8.642858*[14]*(100-@MVAVGREP([12]))/86.5