

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 Stage
				Unit	Unit	Unit	
15							
7	Urea 46-0-0 28% Nitrogen	46 3	GR SC	45 lb ai/a 45 lb ai/a	98 lb/a 15 gal/a	GRNUP FKS5	110.1 a
8	Urea+AgrotainDry 28% Nitrogen	46 3	GR SC	45 lb ai/a 45 lb ai/a	98 lb/a 15 gal/a	GRNUP FKS5	111.7 a
9	Super-U 28% Nitrogen	46 3	GR SC	45 lb ai/a 45 lb ai/a	98 lb/a 15 gal/a	GRNUP FKS5	105.4 a
10	Urea 46-0-0 28% Nitrogen	46 3	GR SC	45 lb ai/a 45 lb ai/a	98 lb/a 15 gal/a	GRNUP FKS7	109.1 a
LSD P=.10							7.44
Standard Deviation							5.55
CV							5.09
Bartlett's X2							0.56
P(Bartlett's X2)							0.906
Skewness							0.4513
Kurtosis							-1.4181

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.
 Missing data estimates are included in columns: Average=15

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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	13	945.606326			
Replicate	3	644.547596	214.849199	6.963	0.0165
Treatment	3	85.073657	28.357886	0.919	0.4795
Error	7	215.985074	30.855011		

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