

MSU Soil Fertility Research Program

WINTER WHEAT ENHANCE EFFICIENCY FETILIZER WITH SUPER-U, 2013-14

Trial ID: WHT05-13.14 Location: CAMPUS E-13 long Trial Year: 2013
 Protocol ID: WHT05-13.14 Investigator: Kurt Steinke
 Project ID: SUPERWHT

Crop Code							TRZAW	
Crop Name							Winter wheat	
Crop Variety							Red Dragon	
Description							bu/acre	
Rating Date							Jul-21-2014	
Rating Type							YIELD	
Rating Unit							BU	
Crop Stage Scale							HARVEST	
ARM Action Codes							TY4	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
								36
1	Urea 46-0-0	46	GR	90 lb ai/a	196 lb/a		GRNUP	97.1 a
2	Urea+AgrotainDry	46	DG	90 lb ai/a	196 lb/a		GRNUP	91.8 a
3	Super-U	46	DG	90 lb ai/a	196 lb/a		GRNUP	92.0 a
4	28% Nitrogen	3	SC	90 lb ai/a	30 gal/a		FKS5	97.4 a
5	28%+AgroUltra	3	AL	90 lb ai/a	30 gal/a		FKS5	102.0 a
6	28%+AgroPlus	3	AL	90 lb ai/a	30 gal/a		FKS5	99.0 a
7	Urea 46-0-0	46	GR	45 lb ai/a	98 lb/a		GRNUP	93.8 a
	28% Nitrogen	3	SC	45 lb ai/a	15 gal/a		FKS5	
8	Urea+AgrotainDry	46	DG	45 lb ai/a	98 lb/a		GRNUP	95.7 a
	28% Nitrogen	3	SC	45 lb ai/a	15 gal/a		FKS5	
9	Super-U	46	DG	45 lb ai/a	98 lb/a		GRNUP	102.1 a
	28% Nitrogen	3	SC	45 lb ai/a	15 gal/a		FKS5	
10	Urea 46-0-0	46	GR	45 lb ai/a	98 lb/a		GRNUP	99.0 a
	28% Nitrogen	3	SC	45 lb ai/a	15 gal/a		FKS7	
11	Urea+AgrotainDry	46	DG	45 lb ai/a	98 lb/a		GRNUP	97.2 a
	28% Nitrogen	3	SC	45 lb ai/a	15 gal/a		FKS7	
12	Super-U	46	DG	45 lb ai/a	98 lb/a		GRNUP	92.5 a
	28% Nitrogen	3	SC	45 lb ai/a	15 gal/a		FKS7	
LSD (P=.05)							12.39	
Standard Deviation							8.58	
CV							8.88	
Bartlett's X2							5.655	
P(Bartlett's X2)							0.895	
Skewness							-0.2299	
Kurtosis							-1.0689	
Replicate F							8.263	
Replicate Prob(F)							0.0003	
Treatment F							0.698	
Treatment Prob(F)							0.7309	

Crop Code

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

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

TY4 = 7.902041*[C35]*(100-[C33])/86.5

Means followed by same letter do not significantly differ (P=.05, LSD)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.