

MSU Soil Fertility Research Program

SOFT RED WINTER WHEAT RESPONSE TO NITROGEN RATE AND TIMING STRATEGIES . 2013-2014

Trial ID: WHT04-13.14      Location: Campus      Trial Year: 2013  
 Protocol ID:                      Investigator: Kurt Steinke  
 Project ID: Strategy

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	ET5 TY4					
Number of Decimals	1					
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
		Rate Unit	Rate Unit	Rate Unit		
3	Urea 46-0-0	90 lb ai/a	196 lb/a		Grnup B	97.3 a
4	Urea 46-0-0	135 lb ai/a	293 lb/a		Grnup B	89.9 a
5	Urea 46-0-0	180 lb ai/a	390 lb/a		Grnup B	99.6
6	Urea 46-0-0 28 % Nitrogen	45 lb ai/a 45 lb ai/a	98 lb/a 15 gal/a		Grnup B FKS 5 C	97.4 a
7	Urea 46-0-0 28 % Nitrogen	90 lb ai/a 45 lb ai/a	196 lb/a 15 gal/a		Grnup B FKS 5 C	96.1 a
8	Urea 46-0-0 28 % Nitrogen	135 lb ai/a 45 lb ai/a	293 lb/a 15 gal/a		Grnup B FKS 5 C	92.0 a
LSD (P=.05)						8.09
Standard Deviation						5.20
CV						5.5
Replicate F						11.474
Replicate Prob(F)						0.0010
Treatment F						1.698
Treatment Prob(F)						0.2202

Crop Code  
 TRZAW, BCER, Triticum aestivum (winter), = US  
Rating Type  
 YIELD = yield  
Rating Unit  
 BU = bushel  
ARM Action Codes  
 ET5 = Excluded treatment 5  
 TY4 = 7.902041\*[20]\*(100-@MVAVGREP([18]))/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.  
 Missing data estimates are included in columns:Yates=21