

MSU Soil Fertility Research Program

RED WINTER WHEAT AS AFFECTED BY STARTER N AND PLANTING DATE, 2013-2014

Trial ID: WHT02-13.14 Location: Campus Trial Year: 2013  
 Protocol ID: WHT02-13.14 Investigator: Kurt Steinke  
 Project ID: Starter Study

Crop Code	TRZAW							
Crop Name	Winter wheat							
Crop Variety	Red Dragon							
Description								
Rating Date	Jul-21-2014							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale	HARVEST							
ARM Action Codes	TY2							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
								8
1	Early October 11th No Starter						EOCT	94.4 a
	Urea 46-0-0	46 GR		90 lb ai/a	196 lb/a		GRNUP	
2	Early October 11th Starter						EOCT	96.8 a
	Urea 46-0-0	46 GR		25 lb ai/a	54.3 lb/a		EOCT	
	Urea 46-0-0	46 GR		90 lb ai/a	196 lb/a		GRNUP	
3	Mid October 22nd No Starter						MOCT	92.2 a
	Urea 46-0-0	46 GR		90 lb ai/a	196 lb/a		GRNUP	
4	Mid October 22nd Starter						MOCT	99.2 a
	Urea 46-0-0	46 GR		25 lb ai/a	54.3 lb/a		EOCT	
	Urea 46-0-0	46 GR		90 lb ai/a	196 lb/a		GRNUP	
5	Late October 28th No Starter						LOCT	86.1 a
	Urea 46-0-0	46 GR		90 lb ai/a	196 lb/a		GRNUP	
6	Late October 28th Starter						LOCT	92.0 a
	Urea 46-0-0	46 GR		25 lb ai/a	54.3 lb/a		EOCT	
	Urea 46-0-0	46 GR		90 lb ai/a	196 lb/a		GRNUP	
LSD (P=.05)								8.60
Standard Deviation								5.70
CV								6.1
Bartlett's X2								0.896
P(Bartlett's X2)								0.971
Skewness								-0.1035
Kurtosis								-1.0523
Replicate F								9.690
Replicate Prob(F)								0.0008
Treatment F								2.544
Treatment Prob(F)								0.0738

Crop Code  
 TRZAW, BCER, Triticum aestivum (winter), = US  
 Rating Type  
 YIELD = yield  
 Rating Unit  
 BU = bushel  
 ARM Action Codes  
 $TY2 = 7.902041 * [7] * (100 - [5]) / 86.5$

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.