

MSU Soil Fertility Research Program

DEVELOPING NITROGEN RATE AND TIMING STRATEGIES TO IMPROVE SOFT RED WINTER WHEAT PRODUCTION, 2012-13.

Trial ID: WHT01-12.13      Location: INGHAM CO, DIETZ FARM    Trial Year: 2013  
 Protocol ID: WHT01-12.13    Investigator: Kurt Steinke  
 Project ID:                      Study Director: Andy Chomas  
    Sponsor Contact: Dr. Kurt Steinke

Crop Code						TRZAW
Crop Name						Winter wheat
Crop Variety						Red Ruby
Description						
Rating Date						Jul-18-2013
Rating Type						YIELD
Rating Unit						BU
Crop Stage Scale						
ARM Action Codes						ER2 TY1
Number of Decimals						1
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
		Rate Unit	Rate Unit	Rate Unit		
						20
4	Urea 46-0-0	135 lb ai/a	293 lb/a		Grnp B	97.0 a
	Urea 46-0-0	16 lb ai/a	34.8 lb/a		FALL A	
7	Urea 46-0-0	90 lb ai/a	196 lb/a		Grnp B	97.5 a
	28 % Nitrogen	45 lb ai/a	15 gal/a		FKS 5 C	
	Urea 46-0-0	16 lb ai/a	34.8 lb/a		FALL A	
13	Urea 46-0-0	90 lb ai/a	196 lb/a		Grnp B	81.8 b
	28 % Nitrogen	45 lb ai/a	15 gal/a		FKS 7 E	
	Urea 46-0-0	16 lb ai/a	34.8 lb/a		FALL A	
LSD (P=.05)						5.93
Standard Deviation						2.28
CV						2.48
Bartlett's X2						1.271
P(Bartlett's X2)						0.53
Skewness						-0.7796
Kurtosis						-1.0294

Crop Code  
 TRZAW, BCER, Triticum aestivum (winter), = US  
Rating Type  
 YIELD = yield  
Rating Unit  
 BU = bushel  
ARM Action Codes  
 ER2 = Excluded replicate 2  
 TY1 = 12.1\*[C19]\*(100-[C17])/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=20  
 Excluded replicate 2 in column 20