

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		
4	Urea 46-0-0	135 lb ai/a	293 lb/a		Grnup B	91.4 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
11	Urea 46-0-0 28 % Nitrogen	90 lb ai/a 45 lb ai/a	196 lb/a 15 gal/a		Grnup B FKS 7 D	100.7 a
LSD (P=.05)						7.51
Standard Deviation						4.13
CV						4.3
Replicate F						12.664
Replicate Prob(F)						0.0090
Treatment F						5.065
Treatment Prob(F)						0.0628

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