

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

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|--------------------|---------------------------------|------------------------|------------|------------|--------------------|-----------|---------|
| 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 | Rate | Unit | | 21 |
| 3 | Urea 46-0-0 | 90 lb ai/a | 196 lb/a | | Grnup B | | 97.3 a |
| 12 | Super U | 90 lb ai/a | 196 lb/a | | Grnup B | | 102.5 a |
| 13 | Urea + Agrotain Agrotain dry | 90 lb ai/a 3 lb/ton | 196 lb/a | | Grnup B Grnup B | | 100.2 a |
| LSD (P=.05) | | | | | | | 6.22 |
| Standard Deviation | | | | | | | 3.60 |
| CV | | | | | | | 3.6 |
| Replicate F | | | | | | | 3.865 |
| Replicate Prob(F) | | | | | | | 0.0748 |
| Treatment F | | | | | | | 2.102 |
| Treatment Prob(F) | | | | | | | 0.2033 |

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.