

MSU Soil Fertility Research Program  
 EVALUATION OF VARIOUS NITROGEN DELIVERY SYSTEMS ON WHEAT  
 Trial ID: WHT02-17.18      Location: Campus      Trial Year: 2017  
 Investigator: Kurt Steinke  
 Project ID: ModernN Wheat

Crop Code							TRZAW
Crop Name							Winter wheat
Crop Variety							Starburst
Description							bu/ac
Rating Date							Jul-11-2018
Rating Type							YIELD
Rating Unit							BU
ARM Action Codes							TY1
Number of Decimals							0
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage
							5
1	CHECK						84 a
2	28% Rain Drop	3	AL	100 lb ai/a	33.3 gal/a		GRNUP 86 a
3	28% Streamer	3	AL	100 lb ai/a	33.3 gal/a		GRNUP 93 a
4	28% Flat Fan	3	AL	100 lb ai/a	33.3 gal/a		GRNUP 67 a
5	Urea 46-0-0	46	GR	100 lb ai/a	217 lb/a		GRNUP 80 a
6	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		GRNUP 96 a
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		7 DAGU
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		14 DAGU
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		21 DAGU
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		28 DAGU
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		35 DAGU
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		42 DAGU
	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a		49 DAGU
7	30-0-0 MU	30	GR	100 lb ai/a	333 lb/a		FRZUP 83 a
LSD P=.05							28.6
Standard Deviation							19.2
CV							22.83
Replicate F							2.226
Replicate Prob(F)							0.1202
Treatment F							0.973
Treatment Prob(F)							0.4713

Crop Code  
 TRZAW, BCER, Triticum aestivum, Winter wheat = US  
Rating Type  
 YIELD = yield  
Rating Unit  
 BU = bushel  
ARM Action Codes  
 TY1 = 9.219048\*[C2]\*(100-[C3])/86.5

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.