

MSU Soil Fertility Research Program
 EVALUATION OF VARIOUS NITROGEN DELIVERY SYSTEMS ON WHEAT
 Trial ID: WHT04-18.19 Location: CAMPUS Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: ModerNWHT

Crop Code						TRZAW
Crop Name						Winter wheat
Crop Variety						Starburst
Description						Yield
Rating Date						Jul-23-2019
Rating Type						YIELD
Rating Unit						bu/ac
Crop Stage Scale						HARVEST
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage
						5
1	CHECK					77.0 c
2	28% Rain Drop	3	AL	100 lb ai/a	33.3 gal/a	GRNUP 103.6 ab
3	28% Streamer	3	AL	100 lb ai/a	33.3 gal/a	GRNUP 101.4 ab
4	28% Flat Fan	3	AL	100 lb ai/a	33.3 gal/a	GRNUP 103.0 ab
5	Urea 46-0-0	46	GR	100 lb ai/a	217 lb/a	GRNUP 103.4 ab
6	28% N Spoon	3	AL	12.5 lb ai/a	4.17 gal/a	GRNUP 110.7 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 96.9 b
LSD P=.05						12.37
Standard Deviation						8.33
CV						8.38
Replicate F						1.623
Replicate Prob(F)						0.2191
Treatment F						6.610
Treatment Prob(F)						0.0008

Crop Code
 TRZAW, BCER, Triticum aestivum, Winter wheat = US
Rating Type
 YIELD = yield
Rating Unit
 bu/ac = bushels per acre
ARM Action Codes
 TY1 = 6.914286*[2]*(100-[3])/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.