

MSU Soil Fertility Research Program

WINTER WHEAT AS AFFECTED BY FALL FERTILIZER PROGRAMS

Trial ID: WHT03-15.16 Location: CAMPUS Trial Year: 2015

Investigator: Kurt Steinke

Project ID: MOW70

Crop Code Crop Name Crop Variety Description Rating Date Rating Type Rating Unit						TRZAW Winter wheat Sunburst Yield Jul-11-2016 HARVEST BU	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	5
1							53.8 e
2	Urea 46-0-0	46 GR		24 lb ai/a	52 lb/a	FALL	90.9 cd
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
3	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FALL	91.9 bcd
	Urea 46-0-0	46 GR		11 lb ai/a	24 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
4	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FALL	99.1 a
	MOP Mosaic	60 GR		60 lb ai/a	100 lb/a	FALL	
	Urea 46-0-0	46 GR		11 lb ai/a	24 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
5	MAP 11-52-0	52 GR		60 lb ai/a	115 lb/a	FALL	97.2 abc
	Aspire	58 GR		60 lb ai/a	103 lb/a	FALL	
	Urea 46-0-0	46 GR		11 lb ai/a	24 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
6	MESZ	40 GR		60 lb ai/a	150 lb/a	FALL	86.7 d
	Urea 46-0-0	46 GR		6 lb ai/a	13 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
7	MESZ	40 GR		60 lb ai/a	150 lb/a	FALL	96.2 abc
	MOP Mosaic	60 GR		60 lb ai/a	100 lb/a	FALL	
	Urea 46-0-0	46 GR		6 lb ai/a	13 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
8	MESZ	40 GR		60 lb ai/a	150 lb/a	FALL	98.6 ab
	Aspire	58 GR		60 lb ai/a	103 lb/a	FALL	
	Urea 46-0-0	46 GR		6 lb ai/a	13 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
9	MES10	40 GR		60 lb ai/a	150 lb/a	FALL	94.8 abc
	Urea 46-0-0	46 GR		6 lb ai/a	13 lb/a	FALL	
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
10	MES15	33 GR		60 lb ai/a	182 lb/a	FALL	92.2 a-d
	Urea 46-0-0	46 GR		70 lb ai/a	152 lb/a	SPRNG	
LSD P=.05						7.00	
Standard Deviation						4.83	
CV						5.36	
Replicate F						6.002	
Replicate Prob(F)						0.0029	
Treatment F						30.505	
Treatment Prob(F)						0.0001	

Crop Code

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.

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TRZAW, BCER, Triticum aestivum (winter), = TRZAW, BCER, Triticum aestivum (winter),

Rating Unit

BU = bushel

ARM Action Codes

TY1 = $9.219048^{*}[2]^{*}(100-[3])/86.5$