MSU Soil Fertility Research Program

RED WINTER WHEAT PRODUCTION AS AFFECTED BY SEEDING RATE

Trial ID: WHT04-15.16 Location: CAMPUS Trial Year: 2015
Investigator: Kurt Steinke
Project ID: SeedRate

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	TRZAW
	Crop Code								TRZAW
	Crop Name								Winter wheat
	Crop Variety								Sunburst
	Description								Yield
	Rating Date								Jul-11-2016
	Rating Type								HARVEST
	Rating Unit								BU
1	Red Wheat	100	GR	250000	seeds/a			Plant	68.0 c
	Urea 46-0-0	46	GR	90	lb ai/a	196	lb/a	GRNUP	
2	Red Wheat	100	GR	500000	seeds/a			Plant	77.1 b
	Urea 46-0-0	46	GR	90	lb ai/a	196	lb/a	GRNUP	
3	Red Wheat	100	GR	1000000	seeds/a			Plant	84.2 a
	Urea 46-0-0	46	GR	90	lb ai/a	196	lb/a	GRNUP	
4	Red Wheat	100	GR	1500000	seeds/a			Plant	80.0 ab
	Urea 46-0-0	46	GR	90	lb ai/a	196	lb/a	GRNUP	
5	Red Wheat	100	GR	2000000	seeds/a			Plant	83.7 a
	Urea 46-0-0	46	GR	90	lb ai/a	196	lb/a	GRNUP	
	LSD P=.05								5.88
	Standard Deviation								3.81
	CV								4.85
	Replicate F								1.850
	Replicate Prob(F)								0.1919
	Treatment F								11.864
	Treatment Prob(F)								0.0004

Crop Code
TRZAW, BCER, Triticum aestivum (winter), = TRZAW, BCER, Triticum aestivum (winter),
Rating Unit
BU = bushel
ARM Action Codes
TY1 = 9.219048*[3]*(100-[4])/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.