

MSU Soil Fertility Research Program

EVALUATION OF PLANTTUFF FERTILIZER ON WHEAT

Trial ID: WHT01-15.16 Location: CAMPUS Trial Year: 2015

Investigator: Kurt Steinke

Project ID: PLANTTUFF

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Yield (BU)
	Crop Code Crop Name Crop Variety Description Rating Date Rating Type Rating Unit								TRZAW Winter wheat Sunburst YIELD Jul-7-2016 HARVEST BU
									5
1	PlantTuff Urea 46-0-0	GR 46	GR	1000 lb/a	1000 lb/a	90 lb ai/a	196 lb/a	FALL GRNUP	88.6 a
2	PlantTuff Urea 46-0-0	GR 46	GR	2000 lb/a	2000 lb/a	90 lb ai/a	196 lb/a	FALL GRNUP	90.0 a
3	PlantTuff Urea 46-0-0	GR 46	GR	4000 lb/a	4000 lb/a	90 lb ai/a	196 lb/a	FALL GRNUP	88.6 a
4	Ag Lime Urea 46-0-0	GR 46	GR	1000 lb/a	1000 lb/a	90 lb ai/a	196 lb/a	FALL GRNUP	85.3 a
5	Ag Lime Urea 46-0-0	GR 46	GR	2000 lb/a	2000 lb/a	90 lb ai/a	196 lb/a	FALL GRNUP	90.1 a
6	Ag Lime Urea 46-0-0	GR 46	GR	4000 lb/a	4000 lb/a	90 lb ai/a	196 lb/a	FALL GRNUP	84.4 a
7	PlantTuff Urea 46-0-0	GR 46	GR	1000 lb/a	1000 lb/a	90 lb ai/a	196 lb/a	SPRING GRNUP	85.1 a
8	PlantTuff Urea 46-0-0	GR 46	GR	2000 lb/a	2000 lb/a	90 lb ai/a	196 lb/a	SPRING GRNUP	83.5 a
9	PlantTuff Urea 46-0-0	GR 46	GR	4000 lb/a	4000 lb/a	90 lb ai/a	196 lb/a	SPRING GRNUP	87.9 a
10	Ag Lime Urea 46-0-0	GR 46	GR	1000 lb/a	1000 lb/a	90 lb ai/a	196 lb/a	SPRING GRNUP	90.4 a
11	Ag Lime Urea 46-0-0	GR 46	GR	2000 lb/a	2000 lb/a	90 lb ai/a	196 lb/a	SPRING GRNUP	87.7 a
12	Ag Lime Urea 46-0-0	GR 46	GR	4000 lb/a	4000 lb/a	90 lb ai/a	196 lb/a	SPRING GRNUP	87.7 a
13	Untreated Check Urea 46-0-0	GR 46	GR	90 lb ai/a	90 lb ai/a			GRNUP	85.7 a
	LSD P=.05								13.45
	Standard Deviation								9.38
	CV								10.74
	Replicate F								27.278
	Replicate Prob(F)								0.0001
	Treatment F								0.243
	Treatment Prob(F)								0.9942

Crop Code

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

Rating Unit

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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BU = bushel

ARM Action Codes

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