

MSU Soil Fertility Research Program

EVALUATION OF PLANT TUFF IN CORN

Trial ID: CEL08-16

Location: Campus Trial Year: 2016

Investigator: Kurt Steinke

Project ID: PlantTuffCORN

Crop Code	ZEAMX							
Crop Name	Corn							
Crop Variety	PO157AMX							
Description	bu/ac@15.5%							
Rating Date	Oct-18-2016							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale	HARVEST							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Unit	Growth Stage	
1	PlantTuff Urea 46-0-0	GR 46	GR	1000 lb/a 140 lb ai/a	1000 lb/a 140 lb ai/a	PPI PPI	PPI	180 a
2	PlantTuff Urea 46-0-0	GR 46	GR	2000 lb/a 140 lb ai/a	2000 lb/a 140 lb ai/a	PPI PPI	PPI	185 a
3	Ag Lime Urea 46-0-0	GR 46	GR	1000 lb/a 140 lb ai/a	1000 lb/a 140 lb ai/a	PPI PPI	PPI	189 a
4	Ag Lime Urea 46-0-0	GR 46	GR	2000 lb/a 140 lb ai/a	2000 lb/a 140 lb ai/a	PPI PPI	PPI	181 a
5	Untreated Check Urea 46-0-0	GR 46	GR	140 lb ai/a	140 lb ai/a	PPI	PPI	188 a
LSD P=.05								8.9
Standard Deviation								5.8
CV								3.12
Replicate F								39.562
Replicate Prob(F)								0.0001
Treatment F								2.070
Treatment Prob(F)								0.1481

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

TY1 = 3.889286*[C3]*(100-[C4])/84.5

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.