

MSU Soil Fertility Research Program
 RESPONSE OF CORN TO VARIOUS RATES OF UREA APPLIED AS A 2X2
 Trial ID: CMSN06-18 Location: Mason Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: UREADRY

Crop Code	ZEAMX						
Crop Name	Corn						
Crop Variety	PO157AMX						
Description	bu/ac15.5%						
Rating Date	Nov-4-2018						
Rating Type	YIELD						
Rating Unit	BU						
Crop Stage Scale	HVST						
ARM Action Codes	ET6 TY1						
Number of Decimals	0						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	10
1	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		161 lb ai/a 14 lb ai/a	350 lb/a 4.67 gal/a	2x2 SDV4-6	190 a
2	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		115 lb ai/a 60 lb ai/a	250 lb/a 20 gal/a	2x2 SDV4-6	182 a
3	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		69 lb ai/a 106 lb ai/a	150 lb/a 35.3 gal/a	2x2 SDV4-6	192 a
4	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		23 lb ai/a 152 lb ai/a	50 lb/a 50.7 gal/a	2x2 SDV4-6	189 a
5	Urea 46-0-0 28% Nitrogen	46 GR 3 AL		0 lb ai/a 175 lb ai/a	0 lb/a 58.3 gal/a	2x2 SDV4-6	188 a
6	CHECK						97
LSD P=.05							15.5
Standard Deviation							10.0
CV							5.33
Replicate F							10.838
Replicate Prob(F)							0.0010
Treatment F							0.587
Treatment Prob(F)							0.6782

Crop Code
 ZEAMX, BCOR, Zea mays, Corn = US
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 ET6 = Excluded treatment 6
 TY1 = 3.889286*[C7]*(100-[C8])/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.