

MSU Soil Fertility Research Program
 RESPONSE OF CORN TO VARIOUS RATES OF UREA APPLIED AS A 2X2
 Trial ID: CEL04-19 Location: Campus Trial Year: 2019
 Investigator: Kurt Steinke
 Project ID: UREADRY

Crop Code	ZEAMX						
Crop Name	Corn						
Crop Variety	P9998AM						
Description	bu/ac15.5%						
Rating Date	Oct-23-2019						
Rating Type	YIELD						
Rating Unit	BU						
Crop Stage Scale	HARVEST						
ARM Action Codes	ET5 TY1						
Number of Decimals	0						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	
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	182 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	198 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	184 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	180 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	174
6	CHECK						77 b
LSD P=.05							31.1
Standard Deviation							20.2
CV							12.27
Replicate F							1.017
Replicate Prob(F)							0.4191
Treatment F							23.761
Treatment Prob(F)							0.0001

Crop Code
 ZEAMX, BCOR, Zea mays, Corn = US
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 ET5 = Excluded treatment 5
 TY1 = $3.889286 \cdot [3] \cdot (100 - [4]) / 84.5$

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.