

MSU Soil Fertility Research Program

THE EFFECTS OF N ZONE IN CORN

Trial ID: CEL05-14 Location: CAMPUS Trial Year: 2014  
 Investigator: Kurt Steinke  
 Project ID: NZONE

Crop Code	ZEAMX							
Crop Name	Corn							
Crop Variety	DKC 48-12RIB							
Description	15% moist							
Rating Date	Nov-5-2014							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale	TY1							
ARM Action Codes	TY1							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
								8
1	CHECK							65.9 c
2	19-17-0 N ZONE urea	2.11 AL 46 GR		20 lb ai/a 115 lb ai/a	9.5 gal/a 250 lb/a		2x2PL PRE	157.7 a
3	19-17-0 N ZONE urea	2.11 AL 46 GR		20 lb ai/a 80 lb ai/a	9.5 gal/a 174 lb/a		2x2PL PRE	137.3 ab
4	19-17-0 Urea 46-0-0	2.11 AL 46 GR		20 lb ai/a 115 lb ai/a	9.5 gal/a 250 lb/a		2x2PL PRE	161.3 a
5	19-17-0 Urea 46-0-0	2.11 AL 46 GR		20 lb ai/a 80 lb ai/a	9.5 gal/a 174 lb/a		2x2PL PRE	117.7 b
LSD (P=.05)								38.29
Standard Deviation								24.85
CV								19.42
Bartlett's X2								5.019
P(Bartlett's X2)								0.285
Skewness								-0.248
Kurtosis								-0.0407
Replicate F								1.211
Replicate Prob(F)								0.3478
Treatment F								9.773
Treatment Prob(F)								0.0009

Crop Code  
 ZEAMX, BCOR, Zea mays, = US  
Rating Type  
 YIELD = yield  
Rating Unit  
 BU = bushel  
ARM Action Codes  
 TY1 = 3.889286\*[5]\*(100-[6])/85

Means followed by same letter do not significantly differ (P=.05, LSD)  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.