

MSU Soil Fertility Research Program
 PHOSPHORUS AND POTASSIUM IN ROTATION WITH MOSAIC
 Trial ID: MOROTO Location: Campus Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: MOROTO

Crop Code						ZEAMX		
Crop Name						Corn		
Crop Variety						DKC51-38		
Description						bu/ac15.5%		
Rating Date						Oct-18-2018		
Rating Type						YIELD		
Rating Unit						BU		
Crop Stage Scale						HVST		
ARM Action Codes						ET7		
Number of Decimals						0		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
1	CHECK	Urea 46-0-0	46 GR	175 lb ai/a	380 lb/a		PPI	192 a
2	MAP 11-52-0	52 GR		80 lb ai/a	154 lb/a		PPI	206 a
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a		PPI	
	Urea 46-0-0	46 GR		158 lb ai/a	343 lb/a		PPI	
3	MAP 11-52-0	52 GR		80 lb ai/a	154 lb/a		PPI	200 a
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a		PPI	
	Urea 46-0-0	46 GR		158 lb ai/a	343 lb/a		PPI	
4	MESZ	40 GR		80 lb ai/a	200 lb/a		PPI	212 a
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a		PPI	
	Urea 46-0-0	46 GR		151 lb ai/a	328 lb/a		PPI	
5	MESZ	40 GR		80 lb ai/a	200 lb/a		PPI	189 a
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a		PPI	
	Urea 46-0-0	46 GR		151 lb ai/a	328 lb/a		PPI	
6	MAP 11-52-0	52 GR		80 lb ai/a	154 lb/a		PPI	189 a
	MOP 0-0-62	62 GR		60 lb ai/a	97 lb/a		PPI	
	Urea 46-0-0	46 GR		158 lb ai/a	343 lb/a		PPI	
7	MAP 11-52-0	52 GR		120 lb ai/a	230 lb/a		PPI	216
	MOP 0-0-62	62 GR		120 lb ai/a	194 lb/a		PPI	
	Urea 46-0-0	46 GR		150 lb ai/a	326 lb/a		PPI	
8	MESZ	40 GR		120 lb ai/a	300 lb/a		PPI	194 a
	Aspire	58 GR		120 lb ai/a	207 lb/a		PPI	
	Urea 46-0-0	46 GR		139 lb ai/a	302 lb/a		PPI	
LSD P=.05						21.6		
Standard Deviation						14.6		
CV						7.36		
Replicate F						3.854		
Replicate Prob(F)						0.0272		
Treatment F						1.507		
Treatment Prob(F)						0.2318		

Crop Code
 ZEAMX, BCOR, Zea mays, Corn = US
 Rating Type
 YIELD = yield
 Rating Unit
 BU = bushel
 ARM Action Codes
 ET7 = Excluded treatment 7

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.