

MSU Soil Fertility Research Program
 PHOSPHORUS AND POTASSIUM IN ROTATION WITH MOSAIC, 2019
 Trial ID: MOROTO19 Location: Campus Trial Year: 2019
 Investigator: Kurt Steinke
 Project ID: MOROTO

Crop Code	GLXMA							
Crop Name	Soybean							
Crop Variety	S170115							
Description								
Rating Date	Oct-18-2019							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale	HARVEST							
ARM Action Codes	TY1							
Number of Decimals	1							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
								31
1	CHECK							50.4 a
2	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a		PPI	42.6 a
	MOP 0-0-62	62	GR	60 lb ai/a	97 lb/a		PPI	
3	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a		PPI	46.8 a
	MOP 0-0-62	62	GR	50 lb ai/a	81 lb/a		PPI	
	K-Mag Prem	21.5	GR	10 lb ai/a	46.5 lb/a		PPI	
4	MESZ	40	GR	40 lb ai/a	100 lb/a		PPI	44.9 a
	MOP 0-0-62	62	GR	60 lb ai/a	97 lb/a		PPI	
5	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a		PPI	47.2 a
	MOP 0-0-62	62	GR	60 lb ai/a	97 lb/a		PPI	
6	MESZ	40	GR	40 lb ai/a	100 lb/a		PPI	40.2 a
	Aspire	58	GR	60 lb ai/a	103 lb/a		PPI	
7	CHECK							43.5 a
8	CHECK							41.7 a
LSD P=.05								13.38
Standard Deviation								9.10
CV								20.38
Replicate F								0.725
Replicate Prob(F)								0.5482
Treatment F								0.540
Treatment Prob(F)								0.7945

Crop Code
 GLXMA, BSOY, Glycine max, Soybean = US
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 TY1 = 3.63*[28]*(100-[29])/86.5

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.