

MSU Soil Fertility Research Program

POTASSIUM RATE, SOURCE AND PLACEMENT IN SOYBEAN

Trial ID: SOYEL03-13 Location: CAMPUS Trial Year: 2013
 Investigator: Kurt Steinke
 Project ID: POTASSIUM

Crop Code						GLXMA
Crop Name						Soybean
Crop Variety						Asgrow 2232
Description						Harvest Sample
Rating Date						Oct-4-2013
Rating Type						YIELD
Rating Unit						bu/ac
Crop Stage Scale						Harvest
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
		Rate Unit	Rate	Rate	Unit	
1	CHECK					A
2	K2O 0-0-62	50 lb ai/a	81 lb/a		PPI	A
3	K2O 0-0-62	100 lb ai/a	161 lb/a		PPI	A
4	K2O 0-0-62	150 lb ai/a	242 lb/a		PPI	A
6	K-Mag (22S)	50 lb ai/a	227 lb/a		PPI	A
7	K-Mag (22S)	100 lb ai/a	455 lb/a		PPI	A
	LSD (P=.05)					3.44
	Standard Deviation					2.28
	CV					3.42
	Replicate F					1.387
	Replicate Prob(F)					0.2851
	Treatment F					0.596
	Treatment Prob(F)					0.7034

Crop Code
 GLXMA, BSOY, Glycine max, = US
Rating Type
 YIELD = yield
Rating Unit
 bu/ac = bushels per acre
ARM Action Codes
 $TY1 = 1.21*[C14]*(100-[C13])/87$

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.