

MSU Soil Fertility Research Program

RESPONSE OF SOYBEAN TO PHOSPHORUS APPLICATION

Trial ID: SOYEL06-16 Location: Campus Trial Year: 2016  
 Investigator: Kurt Steinke  
 Project ID: PHOSSOY

Crop Code							GLXMA	
Crop Name							Soybean	
Crop Variety							P2405R	
Description							bu/ac@13%	
Rating Date							Oct-24-2016	
Rating Type							YIELD	
Rating Unit							BU	
Crop Stage Scale								
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	
								5
1	Check							60 a
2	TSP-PHOS	45	GR	50 lb ai/a	111 lb/a		PPI	61 a
3	TSP-PHOS	45	GR	100 lb ai/a	222 lb/a		PPI	63 a
4	TSP-PHOS	45	GR	50 lb ai/a	111 lb/a		2X2	64 a
5	TSP-PHOS	45	GR	100 lb ai/a	222 lb/a		2X2	62 a
LSD P=.05								5.1
Standard Deviation								3.3
CV								5.39
Replicate F								5.041
Replicate Prob(F)								0.0173
Treatment F								0.893
Treatment Prob(F)								0.4974

Crop Code  
 GLXMA, BSOY, Glycine max, = US  
Rating Type  
 YIELD = yield  
Rating Unit  
 BU = bushel  
ARM Action Codes  
 $TY1 = 3.63 * [2] * (100 - [3]) / 87$

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.