

MSU Soil Fertility Research Program

RESPONSE OF SOYBEAN TO MES, MOP, MAP, MAP BLENDS, AND ASPIRE

Trial ID: SOYEL05-15 Location: Campus Trial Year: 15  
 Investigator: Kurt Steinke  
 Project ID: MOSOYZN

Crop Code Crop Name Crop Variety Description Rating Date Rating Type Rating Unit Crop Stage Scale							GLXMA Soybean AG2433 bu/ac Oct-12-2015 YIELD BU	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	5
1	MOP Mosaic	60 GR		60 lb/a	36 lb ai/a		PPI	60 a
2	MOP Mosaic MAP 11-52-0	60 GR 52 GR		60 lb/a 40 lb ai/a	36 lb ai/a 77 lb/a		PPI PPI	60 a
3	MOP Mosaic MAP 11-52-0 AS (21-0-0-24S)	60 GR 52 GR 24 GR		60 lb/a 40 lb ai/a 10 lb ai/a	36 lb ai/a 77 lb/a 41.7 lb/a		PPI PPI PPI	65 a
4	MOP Mosaic MAP 11-52-0 AS (21-0-0-24S) ZnSO4	60 GR 52 GR 24 GR 36 GR		60 lb/a 40 lb ai/a 10 lb ai/a 1 lb ai/a	36 lb ai/a 77 lb/a 41.7 lb/a 2.78 lb/a		PPI PPI PPI PPI	67 a
5	MOP Mosaic MES10	60 GR 40 GR		60 lb/a 40 lb ai/a	36 lb ai/a 100 lb/a		PPI PPI	62 a
6	MOP Mosaic MESZ	60 GR 40 GR		60 lb/a 40 lb ai/a	36 lb ai/a 100 lb/a		PPI PPI	62 a
7	Aspire MAP 11-52-0	58 GR 52 GR		60 lb ai/a 40 lb ai/a	103 lb/a 77 lb/a		PPI PPI	59 a
8	Aspire MESZ	58 GR 40 GR		60 lb ai/a 40 lb ai/a	103 lb/a 100 lb/a		PPI PPI	61 a
LSD P=.05 Standard Deviation CV							6.0 - 6.0 2.4t 4.67t	
Replicate F Replicate Prob(F) Treatment F Treatment Prob(F)							10.791 0.0002 1.612 0.1867	

Crop Code  
GLXMA, BSOY, Glycine max, = US  
 Rating Type  
YIELD = yield  
 Rating Unit  
BU = bushel  
 ARM Action Codes  
TY1 = Arcsine square root percent([5])

Means followed by same letter or symbol do not significantly differ (P=.05, LSD)  
 t=Mean descriptions are reported in transformed data units, and are not de-transformed.  
 Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.