

MSU Soil Fertility Research Program

RESPONSE OF SOYBEAN AT VARIOUS POPULATIONS TO LOW LEVEL FERTILIZER INPUT

Trial ID: SOYEL04-16 Location: Campus Trial Year: 2016
Investigator: Kurt Steinke

Project ID: SoyRate

Crop Code					GLXMA
Crop Name					Soybean
Crop Variety					P2405R
Description					bu/ac@13%
Rating Date					Oct-24-2016
Rating Type					YIELD
Rating Unit					BU
Trt No.	Treatment Name	Form Type	Rate	Growth Stage	
			Unit		7
1	Sobean 90K	D	90000 seeds/a	PLANT	62 a
2	Sobean 110K	D	110000 seeds/a	PLANT	60 a
3	Sobean 130K	D	130000 seeds/a	PLANT	62 a
4	Sobean 150K	D	150000 seeds/a	PLANT	62 a
LSD P=.05					7.1
Standard Deviation					4.5
CV					7.27
Replicate F					1.201
Replicate Prob(F)					0.3636
Treatment F					0.176
Treatment Prob(F)					0.9099

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

TY1 = $3.63 \cdot [4] \cdot (100 - [5]) / 87$

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.