

## MSU Soil Fertility Research Program

## RESPONSE OF SOYBEAN TO POP UP COMBINATIONS

Trial ID: SOYEL02-14 Location: CAMPUS, T-16 Trial Year: 2014

Investigator: Kurt Steinke

Project ID: SOYPOP

Crop Code	GLXMA					
Crop Name	Soybean					
Crop Variety	AG2433					
Description	Yield					
Rating Date	Oct-27-2014					
Rating Type	YIELD					
Rating Unit	BU					
Crop Stage Scale	HARVEST					
ARM Action Codes	TY1					
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage
7						
1	CHECK					67.2 a
2	10-34-0 H20	AL		3 gal/a	3 gal/a	POPOP
		AL		2 gal/a	2 gal/a	POPOP
3	10-34-0	AL		5 gal/a	5 gal/a	POPOP
4	28% Nitrogen	3 AL		6 gal/a	6 gal/a	2X2PL
5	Bio Stim H20	AL		6 fl oz/a	6 fl oz/a	POPOP
		AL		4.95 gal/a	4.95 gal/a	POPOP
LSD (P=.05)	3.28					
Standard Deviation	2.13					
CV	3.14					
Bartlett's X2	1.037					
P(Bartlett's X2)	0.904					
Skewness	0.1201					
Kurtosis	-0.2943					
Replicate F	4.068					
Replicate Prob(F)	0.0330					
Treatment F	0.849					
Treatment Prob(F)	0.5209					

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action CodesTY1 =  $3.63 \cdot [4] \cdot (100 - [5]) / 87$ 

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.