

MSU Soil Fertility Research Program  
 MANAGING HEIGHT CHALLENGES CAUSED BY POPULATION CHOICES.

Trial ID: SOYMSN03-18      Location: MASON      Trial Year: 2018

Investigator: Kurt Steinke

Project ID: ROLLISOY

Crop Code	GLXMA	
Crop Name	Soybean	
Crop Variety	P24A80X	
Description	bu/ac13.5%	
Rating Date	Nov-8-2018	
Rating Type	YIELD	
Rating Unit	BU	
ARM Action Codes	TY1	
Number of Decimals	0	
Trt No.	Treatment Name	Growth Stage
1	ROLLING HIGH POP 170K	V2
2	ROLLING LOW POP 50K	V2
3	NO ROLLING HIGH POP 170K	
4	NO ROLLING LOW POP 50K	
		5
		69 ab
		61 c
		71 a
		63 bc
LSD P=.05	6.7	
Standard Deviation	3.9	
CV	5.88	
Replicate F	6.593	
Replicate Prob(F)	0.0251	
Treatment F	5.002	
Treatment Prob(F)	0.0452	

Crop Code

GLXMA, BSOY, Glycine max, Soybean = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

TY1 =  $3.63 * [2] * (100 - [3]) / 86.5$

Means followed by same letter or symbol do not significantly differ (P=.05, LSD).

Mean separations are based on the complete error term.

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.