

MSU Soil Fertility Research Program
 BIOSTIMULATORY TECHNOLOGIES ON SOYBEAN
 Trial ID: SOYEL06-18 Location: CAMPUS Trial Year: 2018
 Investigator: Kurt Steinke
 Project ID: BIOSOY

Crop Code						GLXMA	
Crop Name						Soybean	
Crop Variety						P24A80X	
Description						bu/ac13.5%	
Rating Date						Oct-22-2018	
Rating Type						YIELD	
Rating Unit						BU	
Crop Stage Scale						R8	
ARM Action Codes						EC TY2	
Number of Decimals						0	
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage	8
1	MOP 0-0-62 Endo fungi WATER	62	GR AL AL	90 lb ai/a 0.4 fl oz/a 6 gal/a	145 lb/a 0.4 fl oz/a 6 gal/a	PPI INFUR INFUR	44
2	MOP 0-0-62 BACT + sugar WATER	62	GR AL AL	90 lb ai/a 4 fl oz/a 5.97 gal/a	145 lb/a 4 fl oz/a 5.97 gal/a	PPI INFUR INFUR	47 a
3	MOP 0-0-62 BACT +fungi WATER	62	GR AL AL	90 lb ai/a 8 fl oz/a 5.94 gal/a	145 lb/a 8 fl oz/a 5.94 gal/a	PPI INFUR INFUR	51 a
4	MOP 0-0-62 Humic Acid WATER	62	GR AL AL	90 lb ai/a 16 fl oz/a 5.88 gal/a	145 lb/a 16 fl oz/a 5.88 gal/a	PPI INFUR INFUR	46 a
5	MOP 0-0-62 Fulvic Acid WATER	62	GR AL AL	90 lb ai/a 32 fl oz/a 5.75 gal/a	145 lb/a 32 fl oz/a 5.75 gal/a	PPI INFUR INFUR	52 a
6	MOP 0-0-62 Humic+Fulvic WATER	62	GR AL AL	90 lb ai/a 8 fl oz/a 5.94 gal/a	145 lb/a 8 fl oz/a 5.94 gal/a	PPI INFUR INFUR	48 a
7	MOP 0-0-62 Humic-SeaWD WATER	62	GR AL AL	90 lb ai/a 64 fl oz/a 5.5 gal/a	145 lb/a 64 fl oz/a 5.5 gal/a	PPI INFUR INFUR	51 a
8	MOP 0-0-62 Fulvic-SeaWD WATER	62	GR AL AL	90 lb ai/a 64 fl oz/a 5.5 gal/a	145 lb/a 64 fl oz/a 5.5 gal/a	PPI INFUR INFUR	48 a
9	MOP 0-0-62	62	GR	90 lb ai/a	145 lb/a	PPI	43 a
10	CHECK						48 a
LSD P=.05						9.9	
Standard Deviation						6.8	
CV						14.03	
Replicate F						2.005	
Replicate Prob(F)						0.1401	
Treatment F						0.707	
Treatment Prob(F)						0.6825	

Crop Code
 GLXMA, BSOY, Glycine max, Soybean = US
Rating Type
 YIELD = yield
Rating Unit

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.

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BU = bushel

ARM Action Codes

EC = Do not analyze untreated check, while still reporting treatment mean on AOV Means Table

TY2 = $3.63 * [C5] * (100 - [C6]) / 86.5$

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