

MSU Soil Fertility Research Program

RESPONSE OF SOYBEAN TO GOLDSTART

Trial ID: SOYMSN05-18

Location: Campus

Trial Year: 2018

Investigator: Kurt Steinke

Project ID: ANDERGOLD

Crop Code						GLXMA	
Crop Name						Soybean	
Crop Variety						P24A80X	
Description						bu/ac13.5%	
Rating Date						Nov-11-2018	
Rating Type						YIELD	
Rating Unit						BU	
ARM Action Codes						TY3	
Number of Decimals						0	
Trt No.	Treatment Name	Form Type	Rate Rate	Other Unit	Other Rate	Growth Unit Stage	20
1	6-24-6 GoldStart WATER	AL AL	3 gal/a 3 gal/a		3 gal/a 3 gal/a	INFUR INFUR	56 a
2	6-24-6 GoldStart Micro ZMB-old WATER	AL AL AL	3 gal/a 1 qt/a 2.75 gal/a		3 gal/a 1 qt/a 2.75 gal/a	INFUR INFUR INFUR	57 a
3	6-24-6 GoldStart Micro ZMB-F-new WATER	AL AL AL	3 gal/a 1 qt/a 2.75 gal/a		3 gal/a 1 qt/a 2.75 gal/a	INFUR INFUR INFUR	59 a
4	Micro ZMB-old	AL	1 qt/a		1 qt/a	FOL-R1	55 a
5	6-24-6 GoldStart WATER Micro ZMB-old	AL AL AL	3 gal/a 3 gal/a 1 qt/a		3 gal/a 3 gal/a 1 qt/a	INFUR INFUR FOL-R1	60 a
6	Micro ZMB-F-new	AL	1 qt/a		1 qt/a	FOL-R1	62 a
7	6-24-6 GoldStart WATER Micro ZMB-F-new	AL AL AL	3 gal/a 3 gal/a 1 qt/a		3 gal/a 3 gal/a 1 qt/a	INFUR INFUR FOL-R1	62 a
8	Phosfix	AL	1 pt/a		1 pt/a	FOL-R1	56 a
9	6-24-6 GoldStart WATER Phosfix	AL AL AL	3 gal/a 3 gal/a 1 pt/a		3 gal/a 3 gal/a 1 pt/a	INFUR INFUR FOL-R1	60 a
10	Microblitz	AL	1 gal/a		1 gal/a	FOL-R1	62 a
11	6-24-6 GoldStart WATER Microblitz	AL AL AL	3 gal/a 3 gal/a 1 gal/a		3 gal/a 3 gal/a 1 gal/a	INFUR INFUR FOL-R1	60 a
12	MicroNourish	AL	2 qt/a		2 qt/a	FOL-R1	52 a
13	6-24-6 GoldStart WATER MicroNourish	AL AL AL	3 gal/a 3 gal/a 2 qt/a		3 gal/a 3 gal/a 2 qt/a	INFUR INFUR FOL-R1	63 a
14	Overpass CF	AL	1 gal/a		1 gal/a	FOL-R1	56 a
15	6-24-6 GoldStart WATER Overpass CF	AL AL AL	3 gal/a 3 gal/a 1 gal/a		3 gal/a 3 gal/a 1 gal/a	INFUR INFUR FOL-R1	60 a
16	SF Overpass*	AL	1 gal/a		1 gal/a	FOL-R1	58 a

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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Rating Type						YIELD
Rating Unit						BU
ARM Action Codes						TY3
Number of Decimals						0
Trt No.	Treatment Name	Form Type	Rate	Other Rate	Other Rate	Growth Stage
			Unit	Unit	Unit	
17	6-24-6 GoldStart WATER SF Overpass*	AL	3 gal/a	3 gal/a	3 gal/a	INFUR
		AL	3 gal/a	3 gal/a	3 gal/a	INFUR
		AL	1 gal/a	1 gal/a	1 gal/a	FOL-R1
18	CHECK					
						20
						58 a
						60 a
						8.6
						6.0
						10.29
						2.570
						0.0644
						0.847
						0.6348

Crop Code

GLXMA, BSOY, Glycine max, Soybean = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

TY3 = $3.63 * [C17] * (100 - [C18]) / 86.5$

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

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