

MSU Soil Fertility Research Program
 SOYBEAN FERTILTY BALANCED CROP NUTRITION
 Trial ID: SOYEL03-19 Location: CAMPUS Trial Year: 2019
 Investigator: Kurt Steinke
 Project ID: MOBALLSOY

Crop Code						GLXMA
Crop Name						Soybean
Crop Variety						S170115
Description						
Rating Date						Oct-18-2019
Rating Type						YIELD
Rating Unit						BU
Crop Stage Scale						HARVEST
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Unit	Growth Stage
						5
1	CHECK					29.1 a
2	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	PPI
	MOP 0-0-62	62	GR	60 lb ai/a	97 lb/a	PPI
3	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	PPI
	MOP 0-0-62	62	GR	60 lb ai/a	97 lb/a	PPI
	AS (21-0-0-24S)	24	GR	20 lb ai/a	83 lb/a	PPI
4	MES10	40	GR	40 lb ai/a	100 lb/a	PPI
	Aspire	58	GR	50 lb ai/a	86 lb/a	PPI
	K-Mag (22S)	22	GR	10 lb ai/a	45.5 lb/a	PPI
5	MES10	40	GR	34 lb ai/a	85 lb/a	PPI
	Aspire	58	GR	42.5 lb ai/a	73 lb/a	PPI
	K-Mag (22S)	22	GR	8.5 lb ai/a	38.6 lb/a	PPI
6	MES10	40	GR	40 lb ai/a	100 lb/a	PPI
	Aspire	58	GR	60 lb ai/a	103 lb/a	PPI
7	MES10	40	GR	34 lb ai/a	85 lb/a	PPI
	Aspire	58	GR	51 lb ai/a	88 lb/a	PPI
8	MES10	40	GR	40 lb ai/a	100 lb/a	PPI
	MOP 0-0-62	62	GR	50 lb ai/a	81 lb/a	PPI
	K-Mag (22S)	22	GR	10 lb ai/a	45.5 lb/a	PPI
9	MES10	40	GR	34 lb ai/a	85 lb/a	PPI
	MOP 0-0-62	62	GR	42.5 lb ai/a	68.5 lb/a	PPI
	K-Mag (22S)	22	GR	8.5 lb ai/a	38.6 lb/a	PPI
10	MAP 11-52-0	52	GR	40 lb ai/a	77 lb/a	PPI
	Aspire	58	GR	50 lb ai/a	86 lb/a	PPI
	K-Mag (22S)	22	GR	10 lb ai/a	45.5 lb/a	PPI
11	MAP 11-52-0	52	GR	34 lb ai/a	65.4 lb/a	PPI
	Aspire	58	GR	42.5 lb ai/a	73 lb/a	PPI
	K-Mag (22S)	22	GR	8.5 lb ai/a	38.6 lb/a	PPI
LSD P=.05						6.99
Standard Deviation						4.84
CV						17.97
Replicate F						0.237
Replicate Prob(F)						0.8699
Treatment F						0.459
Treatment Prob(F)						0.9031

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

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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SOYBEAN FERTILITY BALANCED CROP NUTRITION

Trial ID: SOYEL03-19 Location: CAMPUS Trial Year: 2019

Investigator: Kurt Steinke

Project ID: MOBALLSOY

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