

MSU Soil Fertility Research Program

SOYBEAN BALANCED CROP NUTRITION WITH ASPIRE

Trial ID: SOYEL03-14 Location: CAMPUS, T-16 Trial Year: 2014

Investigator: Kurt Steinke

Project ID: MOSOYNU

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	Other Rate Unit	Growth Stage
							4
1	CHECK						65.1 a
2	MAP 11-52-0	52 GR		40 lb ai/a	77 lb/a		PPI
	MOP Mosaic	60 GR		60 lb ai/a	100 lb/a		PPI
3	MAP 11-52-0	52 GR		40 lb ai/a	77 lb/a		PPI
	Aspire	58 GR		60 lb ai/a	103 lb/a		PPI
4	MES10	40 GR		40 lb ai/a	100 lb/a		PPI
	Aspire	58 GR		60 lb ai/a	103 lb/a		PPI
5	MESZ	40 GR		40 lb ai/a	100 lb/a		PPI
	Aspire	58 GR		60 lb ai/a	103 lb/a		PPI
6	MAP 11-52-0	52 GR		40 lb ai/a	77 lb/a		PPI
	Aspire	58 GR		30 lb ai/a	51.7 lb/a		PPI
	K-Mag (22S)	22 GR		30 lb ai/a	136 lb/a		PPI
7	MES10	40 GR		40 lb ai/a	100 lb/a		PPI
	Aspire	58 GR		30 lb ai/a	51.7 lb/a		PPI
	K-Mag (22S)	22 GR		30 lb ai/a	136 lb/a		PPI
8	MESZ	40 GR		40 lb ai/a	100 lb/a		PPI
	Aspire	58 GR		30 lb ai/a	51.7 lb/a		PPI
	K-Mag (22S)	22 GR		30 lb ai/a	136 lb/a		PPI
9	MES10	40 GR		40 lb ai/a	100 lb/a		PPI
	MOP Mosaic	60 GR		30 lb ai/a	50 lb/a		PPI
	K-Mag (22S)	22 GR		30 lb ai/a	136 lb/a		PPI
10	MESZ	40 GR		40 lb ai/a	100 lb/a		PPI
	MOP Mosaic	60 GR		30 lb ai/a	50 lb/a		PPI
	K-Mag (22S)	22 GR		30 lb ai/a	136 lb/a		PPI
LSD (P=.05)							4.67
Standard Deviation							3.22
CV							4.86
Bartlett's X2							9.986
P(Bartlett's X2)							0.352
Skewness							-0.5146
Kurtosis							0.938
Replicate F							2.733
Replicate Prob(F)							0.0633
Treatment F							1.034
Treatment Prob(F)							0.4395

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action CodesTY1 = $3.63 * [1] * (100 - [2]) / 87$

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.