

MSU Soil Fertility Research Program

SOYBEAN RESPONSE TO IN-FURROW NPK WITH ADDITION OF VARIOUS MICRONUTRIENTS

Trial ID: SOYEL08-15 Location: Campus Trial Year: 15

Investigator: Kurt Steinke

Project ID: WESoy

Crop Code						GLXMA
Crop Name						Soybean
Crop Variety						P24T05R
Description						Harvest Sample
Rating Date						Oct-12-2015
Rating Type						YIELD
Rating Unit						BU/A
Crop Stage Scale						HARVEST
Trt No.	Treatment Name	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage
						24
1	CHECK					44 a
2	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	51 a
	Water	AL	128 fl oz/a	128 fl oz/a	IN-FUR	
3	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	47 a
	WE-1430	AL	32 fl oz/a	32 fl oz/a	IN-FUR	
	Water	AL	96 fl oz/a	96 fl oz/a	IN-FUR	
4	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	52 a
	WE-1488	AL	8 fl oz/a	8 fl oz/a	IN-FUR	
	Water	AL	120 fl oz/a	120 fl oz/a	IN-FUR	
5	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	48 a
	WE-1491	AL	32 fl oz/a	32 fl oz/a	IN-FUR	
	Water	AL	96 fl oz/a	96 fl oz/a	IN-FUR	
6	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	49 a
	WE-1558	AL	8 fl oz/a	8 fl oz/a	IN-FUR	
	Water	AL	120 fl oz/a	120 fl oz/a	IN-FUR	
7	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	52 a
	WE-1491	AL	16 fl oz/a	16 fl oz/a	IN-FUR	
	Water	AL	112 fl oz/a	112 fl oz/a	IN-FUR	
8	WE-1433	AL	5 gal/a	5 gal/a	IN-FUR	46 a
	WE-1491	AL	16 fl oz/a	16 fl oz/a	IN-FUR	
	WE-1430	AL	16 fl oz/a	16 fl oz/a	IN-FUR	
	Water	AL	96 fl oz/a	96 fl oz/a	IN-FUR	
LSD P=.05						6.5
Standard Deviation						4.4
CV						9.07
Replicate F						0.528
Replicate Prob(F)						0.6678
Treatment F						1.828
Treatment Prob(F)						0.1344

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

YIELD = yield

ARM Action Codes

TY1 = 3.63*[C21]*(100-[C22])/87

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.