

MSU Soil Fertility Research Program

SOYBEAN RESPONSE TO IN-FURROW NUTRIENT APPLICATIONS.

Trial ID: SOYEL06-15 Location: Campus Trial Year: 2015
 Investigator: Kurt Steinke
 Project ID: WCSOYFUR

Crop Code						GLXMA
Crop Name						Soybean
Crop Variety						AG2433
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	Other Unit	Other Rate	Growth Unit Stage
						6
1	CHECK					65 a
2	WC139	AS	2 gal/a	2 gal/a	IN-FUR	65 a
	Water	AS	4 gal/a	4 gal/a	IN-FUR	
3	2-6-16	AS	2 gal/a	2 gal/a	IN-FUR	63 a
	Water	AS	4 gal/a	4 gal/a	IN-FUR	
4	2-6-16	AS	2 gal/a	2 gal/a	IN-FUR	61 a
	Water	AS	3.5 gal/a	3.5 gal/a	IN-FUR	
	WC216	AS	2 qt/a	2 qt/a	IN-FUR	
5	2-6-16	AS	2 gal/a	2 gal/a	IN-FUR	59 a
	Water	AS	3.25 gal/a	3.25 gal/a	IN-FUR	
	WC216	AS	2 qt/a	2 qt/a	IN-FUR	
	EDTA Mn 6 %	AS	1 qt/a	1 qt/a	IN-FUR	
6	WC216	AS	2 qt/a	2 qt/a	IN-FUR	64 a
	Water	AS	5.5 gal/a	5.5 gal/a	IN-FUR	
7	WC216	AS	2 qt/a	2 qt/a	IN-FUR	63 a
	Water	AS	5.25 gal/a	5.25 gal/a	IN-FUR	
	EDTA Mn 6 %	AS	1 qt/a	1 qt/a	IN-FUR	
8	WC216	AS	2 qt/a	2 qt/a	IN-FUR	60 a
	Water	AS	5.25 gal/a	5.25 gal/a	IN-FUR	
	Aventine	AS	1 qt/a	1 qt/a	IN-FUR	
LSD	P=.05					8.0
Standard Deviation						5.4
CV						8.7
Replicate F						6.294
Replicate Prob(F)						0.0032
Treatment F						0.584
Treatment Prob(F)						0.7616

Crop Code
 GLXMA, BSOY, Glycine max, = US
 Rating Type
 YIELD = yield
 ARM Action Codes
 $TY1 = 3.63 * [3] * (100 - [4]) / 87$

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.