

MSU Soil Fertility Research Program

EVALUATION OF IN FURROW APPLICATIONS IN SOYBEAN

Trial ID: SOYEL02-16 Location: Campus Trial Year: 2016

Investigator: Kurt Steinke

Project ID: WCSOY

Crop Code						GLXMA
Crop Name						Soybean
Crop Variety						AG2433
Description						bu/ac@13%
Rating Date						Oct-24-2016
Rating Type						YIELD
Rating Unit						BU
Trt No.	Treatment Name	Form Type	Rate	Other Rate	Other Rate	Growth Stage
			Unit			
						5
1	Check					64 a
2	WC216	AL	2 qt/a	2 qt/a	IN-FUR	61 a
	Water	AL	5.5 gal/a	5.5 gal/a	IN-FUR	
3	WC216	AL	3 qt/a	3 qt/a	IN-FUR	60 a
	Water	AL	5.25 gal/a	5.25 gal/a	IN-FUR	
4	WC216	AL	2 qt/a	2 qt/a	IN-FUR	62 a
	MN 6%	AL	8 fl oz/a	8 fl oz/a	IN-FUR	
	Water	AL	5.44 gal/a	5.44 gal/a	IN-FUR	
5	WC216	AL	2 qt/a	2 qt/a	IN-FUR	60 a
	MN 6%	AL	16 fl oz/a	16 fl oz/a	IN-FUR	
	Water	AL	5.375 gal/a	5.375 gal/a	IN-FUR	
6	WC216	AL	2 qt/a	2 qt/a	IN-FUR	60 a
	ZN 9%	AL	8 fl oz/a	8 fl oz/a	IN-FUR	
	Water	AL	5.44 gal/a	5.44 gal/a	IN-FUR	
7	WC216	AL	2 qt/a	2 qt/a	IN-FUR	55 a
	ZN 9%	AL	16 fl oz/a	16 fl oz/a	IN-FUR	
	Water	AL	5.375 gal/a	5.375 gal/a	IN-FUR	
8	WC216	AL	2 qt/a	2 qt/a	IN-FUR	57 a
	ZN 9%	AL	8 fl oz/a	8 fl oz/a	IN-FUR	
	MN 6%	AL	8 fl oz/a	8 fl oz/a	IN-FUR	
	Water	AL	5.375 gal/a	5.375 gal/a	IN-FUR	
9	WC247	AL	1 gal/a	1 gal/a	IN-FUR	53 a
	Water	AL	5 gal/a	5 gal/a	IN-FUR	
10	WC247	AL	2 gal/a	2 gal/a	IN-FUR	58 a
	Water	AL	4 gal/a	4 gal/a	IN-FUR	
LSD P=.05						7.9
Standard Deviation						5.5
CV						9.26
Replicate F						5.333
Replicate Prob(F)						0.0051
Treatment F						1.399
Treatment Prob(F)						0.2372

Crop Code

GLXMA, BSOY, Glycine max, = US

Rating Type

YIELD = yield

Rating Unit

BU = bushel

ARM Action Codes

$$TY1 = 3.63 * [C2] * (100 - [C3]) / 87$$

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.