

MSU Soil Fertility Research Program

EVALUATION OF IN FURROW APPLICATIONS IN CORN

Trial ID: CEL03-16 Location: Campus Trial Year: 2016  
 Investigator: Kurt Steinke  
 Project ID: WCCORN

Crop Code	ZEAMX						
Crop Name	Corn						
Crop Variety	DK48-12						
Description	bu/ac@15.5%						
Rating Date	Oct-18-2016						
Rating Type	YIELD						
Rating Unit	BU						
Crop Stage Scale	HARVEST						
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate Rate Unit	Growth Stage	8
1	Check Urea 46-0-0	46	GR	140 lb ai/a	304 lb/a	PPI	195 a
2	9-18-9 Water Urea 46-0-0	AL AL 46	AL GR	5 gal/a 1 gal/a 140 lb ai/a	5 gal/a 1 gal/a 304 lb/a	IN-FUR IN-FUR PPI	205 a
3	9-18-9 Zinc 9%EDTA Water Urea 46-0-0	AL AL AL 46	AL GR	5 gal/a 1 qt/a 0.75 gal/a 140 lb ai/a	5 gal/a 1 qt/a 0.75 gal/a 304 lb/a	IN-FUR IN-FUR IN-FUR PPI	201 a
4	9-18-9 WC216 Water Urea 46-0-0	AL AL AL 46	AL GR	3 gal/a 2 qt/a 2.5 gal/a 140 lb ai/a	3 gal/a 2 qt/a 2.5 gal/a 304 lb/a	IN-FUR IN-FUR IN-FUR PPI	194 a
5	9-18-9 WC246 Water Urea 46-0-0	AL AL AL 46	AL GR	3 gal/a 1 qt/a 2.75 gal/a 140 lb ai/a	3 gal/a 1 qt/a 2.75 gal/a 304 lb/a	IN-FUR IN-FUR IN-FUR PPI	200 a
6	9-18-9 WC246 Water Urea 46-0-0	AL AL AL 46	AL GR	3 gal/a 2 qt/a 2.5 gal/a 140 lb ai/a	3 gal/a 2 qt/a 2.5 gal/a 304 lb/a	IN-FUR IN-FUR IN-FUR PPI	200 a
7	WC245 Water Urea 46-0-0	AL AL AL 46	AL GR	3 gal/a 3 gal/a 140 lb ai/a	3 gal/a 3 gal/a 304 lb/a	IN-FUR IN-FUR PPI	198 a
8	WC139 Water Urea 46-0-0	AL AL AL 46	AL GR	3 gal/a 3 gal/a 140 lb ai/a	3 gal/a 3 gal/a 304 lb/a	IN-FUR IN-FUR PPI	203 a
LSD P=.05							17.3
Standard Deviation							11.7
CV							5.89
Replicate F							6.775
Replicate Prob(F)							0.0023
Treatment F							0.436
Treatment Prob(F)							0.8686

Crop Code  
 ZEAMX, BCOR, Zea mays, = US  
 Rating Type  
 YIELD = yield  
 Rating Unit  
 BU = bushel  
 ARM Action Codes  
 $TY1 = 3.889286*[C5]*(100-[C6])/84.5$

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.