

MSU Soil Fertility Research Program

COMPARISON OF SPRING APPLIED ENHANCED EFFICIENCY N FERTILIZERS ON CORN.

Trial ID: CEL05-15 Location: Campus Trial Year: 15
 Investigator: Kurt Steinke
 Project ID: UreaDemo

Crop Code	ZEAMX							
Crop Name	Corn							
Crop Variety	DKC 48-12RIB							
Description	bu/ac							
Rating Date	Oct-19-2015							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale	HARVEST							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Unit	Growth Stage	
1	Urea 46-0-0	46	GR	140 lb ai/a	304 lb/a		PRE	214.6 a
2	Urea 46-0-0w/Agro Agrotain Dry	46	GR GR	140 lb ai/a	304 lb/a		PRE PRE	212.9 a
3	Urea 46-0-0w/ instinct Instinct II	46	GR AL	140 lb ai/a 37 fl oz/a	304 lb/a 37 fl oz/a		PPI PPI	209.2 a
4	Super-U	46	DG	140 lb ai/a	304 lb/a		PRE	220.0 a
5	ESN 44-0-0 Urea 46-0-0	44 46	GR GR	105 lb ai/a 35 lb ai/a	239 lb/a 76 lb/a		PPI PPI	221.1 a
6	Urea 46-0-0 28% Nitrogen	46	GR AL	56 lb ai/a 84 lb ai/a	122 lb/a 28 gal/a		PPI SDV4	220.9 a
7	Urea 46-0-0	46	GR	140 lb ai/a	304 lb/a		PPI	222.2 a
LSD P=.05								11.85
Standard Deviation								7.98
CV								3.67
Replicate F								0.100
Replicate Prob(F)								0.9590
Treatment F								1.581
Treatment Prob(F)								0.2096

Crop Code
 ZEAMX, BCOR, Zea mays, = US
 Rating Type
 YIELD = yield
 Rating Unit
 BU = bushel
 ARM Action Codes
 $TY1 = 3.889286 * [1] * (100 - [2]) / 84.5$

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.