

MSU Soil Fertility Research Program

SPRING APPLIED PREPLANT UREA NITROGEN AND INSTINCT, 2012

Trial ID: CEL10-12 Location: CAMPUS Trial Year:
 Protocol ID: CEL10-12 Investigator: Kurt Steinke
 Project ID: CEL10-12 Study Director:
 Sponsor Contact:

Crop Code	ZEAMX					
Crop Name	Corn					
Crop Variety	DKC 48-12 RIB					
Description	at 15.5%					
Rating Date	Oct-10-2012					
Rating Type	yield					
Rating Unit	bu/ac					
Crop Stage Scale						
ARM Action Codes	TY1					
Number of Decimals	0					
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
1	CHECK				A	116 a
2	UREA 46-0-0	128 lb ai/a	278 lb/a		PPI A	105 a
3	UREA 46-0-0	150 lb ai/a	326 lb/a		PPI A	96 a
4	UREA 46-0-0	128 lb ai/a	278 lb/a		PPI A	94 a
	INSTINCT	35 fl oz/a	35 fl oz/a		PPI A	
	SHOP AB	2 lb/a	2 lb/a		PPI A	
5	UREA 46-0-0	150 lb ai/a	326 lb/a		PPI A	110 a
	INSTINCT	35 fl oz/a	35 fl oz/a		PPI A	
	SHOP AB	2 lb/a	2 lb/a		PPI A	
LSD (P=.05)	25.0					
Standard Deviation	16.3					
CV	15.57					
Bartlett's X2	0.487					
P(Bartlett's X2)	0.975					
Skewness	0.5387					
Kurtosis	0.2003					

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Unit

bu/ac = bushels per acre

ARM Action Codes

TY1 = $3.889286 * [C27] * (100 - [C25]) / 84.5$

Means followed by same letter do not significantly differ (P=.05, LSD)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.