

MSU Soil Fertility Research Program

SPRING APPLIED PREPLANT UREA NITROGEN AND INSTINCT

Trial ID: CEL06-13 Location: CAMPUS Trial Year: 2013

Investigator: Kurt Steinke

Project ID: DOW5

Crop Code						ZEAMX
Crop Name						Corn
Crop Variety						DKC 48-12RIB
Description						15% moist
Rating Date						Oct-22-2013
Rating Type						Yield
Rating Unit						Bu/ac
Crop Stage Scale						15%moist
ARM Action Codes						TY1
Number of Decimals						1
Trt No.	Treatment Name	Rate	Other Rate	Other Rate	Growth Stage	Appl Code
		Rate Unit	Rate	Rate	Unit	Code
1	UNTREATED					A
2	Urea 46-0-0	110 lb ai/a	240 lb/a		PPI	A
3	Urea 46-0-0	110 lb ai/a	240 lb/a		PPI	A
	Instinct	35 fl oz/a	35 fl oz/a		PPI	A
4	Urea 46-0-0	130 lb ai/a	283 lb/a		PPI	A
5	Urea 46-0-0	130 lb ai/a	283 lb/a		PPI	A
	Instinct	35 fl oz/a	35 fl oz/a		PPI	A
LSD (P=.05)						18.59
Standard Deviation						12.06
CV						7.01
Replicate F						2.889
Replicate Prob(F)						0.0795
Treatment F						41.409
Treatment Prob(F)						0.0001

Crop Code

ZEAMX, BCOR, Zea mays, = US

Rating Type

Yield = yield

Rating Unit

Bu/ac = bushels per acre

ARM Action Codes

TY1 =  $3.889286 * [C25] * (100 - [C23]) / 85$

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.