

MSU Soil Fertility Research Program

SPRING APPLIED PREPLANT UREA NITROGEN AND INSTINCT

Trial ID: CEL02-14 Location: CAMPUS Trial Year: 2014
 Investigator: Kurt Steinke
 Project ID: DOW5

Crop Code	ZEAMX							
Crop Name	Corn							
Crop Variety	DKC 48-12RIB							
Description	15% moist							
Rating Date	Nov-5-2014							
Rating Type	YIELD							
Rating Unit	BU							
Crop Stage Scale	TY1							
ARM Action Codes	TY1							
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Other Rate	Other Rate	Growth Unit Stage	
1	UNTREATED							8
2	Urea 46-0-0	46 GR		110 lb ai/a	240 lb/a		PPI	97.2 c
3	Urea 46-0-0 Instinct II	46 GR SC		110 lb ai/a 37 fl oz/a	240 lb/a 37 fl oz/a		PPI PPI	161.1 b
4	Urea 46-0-0	46 GR		130 lb ai/a	283 lb/a		PPI	176.6 ab
5	Urea 46-0-0 Instinct II	46 GR SC		130 lb ai/a 37 fl oz/a	283 lb/a 37 fl oz/a		PPI PPI	180.5 ab
LSD (P=.05)								22.32
Standard Deviation								14.49
CV								9.04
Bartlett's X2								5.704
P(Bartlett's X2)								0.222
Skewness								-0.9944
Kurtosis								0.1235
Replicate F								0.574
Replicate Prob(F)								0.6429
Treatment F								25.264
Treatment Prob(F)								0.0001

Crop Code
 ZEAMX, BCOR, Zea mays, = US
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 TY1 = $3.889286 * [5] * (100 - [6]) / 85$

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.