EFFECT OF CHICKEN LITTER ON SOYBEANS AND CORN

Trial ID: SOYEL09-16   Location: Campus   Trial Year: 2016
Investigator: Kurt Steinke
Project ID: SoyPromoHrbrk

Crop Code							GLXMA
Crop Name							Soybean
Crop Variety							P2405R
Description							bu/ac@13%
Rating Date							Oct-24-2016
Rating Type							YIELD
Rating Unit							BU
Crop Stage Scale							
Trt Treatment Form Form No. Name Conc Type		Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage		21
TABLE OF R MEANS Replicate 1							
Replicate 2							
Replicate 3							
Replicate 4							
TABLE OF A (Cultural) MEANS 1 Soybean							
2 Corn							
LSD P=.05 Standard Deviation CV							
TABLE OF B (Fertilizer) MEANS 1 Herbrucks	GR	0 ton/a	0 ton/a	PPI			
2 Herbrucks	GR	0.5 ton/a	0.5 ton/a	PPI			
3 Herbrucks	GR	1 ton/a	1 ton/a	PPI			
4 Herbrucks	GR	2 ton/a	2 ton/a	PPI			
LSD P=.05 Standard Deviation CV							
TABLE OF A (Cultural) B (Fertilizer) MEANS 1 Soybean 1 Herbrucks	GR	0 ton/a	0 ton/a	PPI			59 a
2 Corn 1 Herbrucks	GR	0 ton/a	0 ton/a	PPI			.
1 Soybean 2 Herbrucks	GR	0.5 ton/a	0.5 ton/a	PPI			58 a
2 Corn 2 Herbrucks	GR	0.5 ton/a	0.5 ton/a	PPI			.
1 Soybean 3 Herbrucks	GR	1 ton/a	1 ton/a	PPI			60 a
2 Corn 3 Herbrucks	GR	1 ton/a	1 ton/a	PPI			.
1 Soybean 4 Herbrucks	GR	2 ton/a	2 ton/a	PPI			61 a
2 Corn 4 Herbrucks	GR	2 ton/a	2 ton/a	PPI			.
LSD P=.05							7.4

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.

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Crop Name	Soybean
Crop Variety	P2405R
Description	bu/ac@13%
Rating Date	Oct-24-2016
Rating Type	YIELD
Rating Unit	BU
Crop Stage Scale	

Trt Treatment Form Form Rate Other Other Growth No. Name Conc Type Rate Unit Rate Rate Unit Stage	21
Standard Deviation	4.6
CV	7.8

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Randomized Complete Block (RCB) AOV For GLXMA Soybean P2405R bu/ac@13% Oct-24-2016 YIELD BU (Data Column 21)
Missing factor A levels prevents analyzing column 21 as Split-Plot design

Source	DF	Sum of Squares	Mean Square	F	Prob(F)
Total	15	238.022078			
Replicate	3	24.298435	8.099478	0.376	0.7727
Treatment	3	19.777138	6.592379	0.306	0.8206
ERROR	9	193.946504	21.549612		

Crop Code
 GLXMA, BSOY, Glycine max, = US
Rating Type
 YIELD = yield
Rating Unit
 BU = bushel
ARM Action Codes
 TY3 = 3.63*[C18]*(100-@MVAVGREP([C19]))/87