

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.6
 %OM: 5.4
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	04/30/04	AME
AIR TEMPERATURE	77	F
% REL. HUMIDITY	55	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	8.0	M/H
CLOUD COVER	CLOUDY	
DEW	---	
SOIL MOISTURE	---	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/01	
DEKALB 60-19RR	/	IN
04/30/2004		

* TIMING CODES
 09 = ----- / PREEMERGENCE

* STAGE CODE
 01 = BEGINNING OF IMBIBITION

TITLE: Safety of Soil applied Corn Herbicides. R-3N
CREATED: 04/09/2004 **REVISED:** 12/11/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	ZEAMD	ZEAMD	YIELD BU/A
		RATE	UNIT		CON % 05/17/04	CON % 06/09/04	CON % 06/30/04	
1A	LEXAR 3.7L	3.23	LAA	9	0	0	0	244.6
2A	LEXAR 3.7L	6.45	LAA	9	0	0	0	248.1
3A	LUMAX 3.9L	2.96	LAA	9	0	0	0	246.0
4A	LUMAX 3.9L	5.91	LAA	9	0	0	0	246.0
5A	BICEP II MAGNU	3.58	LAA	9	0	0	0	248.3
6A	BICEP II MAGNU	7.16	LAA	9	0	0	0	255.0
7A	EPIC PRO 4L	0.54	LAA	9	0	0	0	252.7
8A	EPIC PRO 4L	1.09	LAA	9	23	5	0	246.0
9A	HARNESS XTRA	4.20	LAA	9	0	0	0	242.1
10A	HARNESS XTRA	8.40	LAA	9	0	0	0	254.0
11A	KEYSTONE 5.25L	4.20	LAA	9	0	0	0	247.3
12A	KEYSTONE 5.25L	8.40	LAA	9	0	0	0	244.0
13A	GUARDS MAX 5L	2.88	LAA	9	0	0	0	245.8
14A	GUARDS MAX 5L	5.76	LAA	9	0	0	0	250.4
15A	KEYSTONE 5.25L	4.20	LAA	9	0	0	0	249.4
	B>HORNET 68.5WG	0.128	LAA	9				
16A	KEYSTONE 5.25L	8.40	LAA	9	0	0	0	246.1
	B>HORNET 68.5WG	0.257	LAA	9				
17A	CHECK	0.00	NA	9	0	0	0	248.5
18A	HARNESS XTRA	2.10	LAA	9	0	0	0	239.3
	B>BALANCE PRO 4S	0.07	LAA	9				
19A	HARNESS XTRA	4.20	LAA	9	4	0	0	247.6
	B>BALANCE PRO 4S	0.14	LAA	9				
20A	KIH ATZ-C 55.7	1.82	LAA	9	0	0	0	250.6
21A	KIH ATZ-C 55.7	3.64	LAA	9	0	0	0	265.5
22A	KIH-485 3.57L	0.44	LAA	9	0	0	0	253.6
		LSD (0.05)			3.80	0.00	0.00	17.78
		STANDARD DEVIATION			1.90	0.00	0.00	8.89

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 04/30/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	05/17/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	06/09/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/30/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	YIELD	BU/A	09/22/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 60-19RR