

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/03/99	06/01/99	06/07/99	AME
AIR TEMPERATURE	75	78	85	F
% REL. HUMIDITY	45	73	65	
WIND DIRECTION	SOUTH	SOUTH	SOUTHWEST	
WIND SPEED	5.0	3.0	7.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	
DEW	---	MOIST	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	40.00	40.00	40.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT				
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT		---/14	---/16	
PIONEER P33G28		10.0/10.0	16.0/18.0	IN
05/03/1999				
*** PEST ***				
VELVETLEAF		---/13	---/16	
		1.00/3.00	3.00/5.00	IN
WATERHEMP, COMMO		---/15	---/19	
		1.00/3.00	2.00/6.00	IN
LAMBSQUARTERS, C		---/16	---/19	
		1.00/2.00	3.00/5.00	IN
FOXTAIL, GIANT		---/13	---/14	
		2.00/4.00	4.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
12 = ----- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: LLCORN WEED CONTROL IN LIBERTY-LINK CORN AS-400
 CREATED: 04/13/1999 REVISED: 08/19/1999 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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	ABUTH	AMATA	CHEAL	ZEAMD
		RATE	UNIT		CON % 06/18/99	CON % 06/18/99	CON % 06/18/99	CON % 06/18/99	CON % 06/18/99	CON % 07/07/99
1A	ATRAZINE DF	1.12	LAA	9	0	81	91	95	96	0
	B»LIBERTY	0.27	LAA	11						
	C ATRAZINE DF	0.67	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
2A»	BALANCE 75WG	0.071	LAA	9	0	97	98	98	99	0
	B»LIBERTY	0.27	LAA	11						
	C ATRAZINE DF	0.67	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
3A»	AXIOM	0.51	LAA	9	0	90	92	95	95	0
	B»LIBERTY	0.27	LAA	11						
	C ATRAZINE DF	0.67	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
4A»	LIBERTY ATZ 4.	1.34	LAA	11	1	75	89	88	86	0
	B AM. SULFATE	17.00	PMG	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	ACCENT GOLD 83	0.151	LAA	0	5	73	93	79	74	0
	B»DEX-79406 75DF	0.023	LAA	11						
	C»HORNET 85.6WG	0.128	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A»	LEADOFF 5SE	0.94	LAA	9	0	81	75	90	90	0
	B»BASIS GOLD 90D	0.78	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
8A»	BICEP II MAGNU	2.88	LAA	9	0	66	68	94	91	0
9A»	BICEP II MAGNU	1.44	LAA	9	0	83	94	95	94	0
	B»BALANCE 75WG	0.094	LAA	9						
	C ATRAZINE DF	0.45	LAA	9						
10A»	GLUFOS/ATR B79	1.34	LAA	11	0	90	94	91	98	0
	B AM. SULFATE	17.00	PMG	11						
11A»	AXIOM	0.64	LAA	9	0	86	83	85	80	0
	B»LIBERTY	0.21	LAA	11						
	C AM. SULFATE	17.00	PMG	11						
12A»	DUAL II MAGNUM	1.60	LAA	9	9	79	99	99	99	0
	B MARKSMAN SC	1.40	LAA	11						
	C 28% UAN	2.50	PMV	11						
		LSD (0.05)			2.09	5.60	4.51	5.00	5.00	0.00
		STANDARD DEVIATION			1.00	2.77	2.23	2.48	2.49	0.00

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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:** 04

TRT TREATMENT	DOSAGE	SETFA	ABUTH	AMATA	CHEAL	YIELD
NUM COMPONENT	RATE UNIT TM	CON % 07/07/99	CON % 07/07/99	CON % 07/07/99	CON % 07/07/99	BU/A 09/21/99
1A ATRAZINE DF	1.12 LAA 9	78	88	90	94	222.3
B»LIBERTY	0.27 LAA 11					
C ATRAZINE DF	0.67 LAA 11					
D AM. SULFATE	17.00 PMG 11					
2A»BALANCE 75WG	0.071 LAA 9	94	98	97	99	223.0
B»LIBERTY	0.27 LAA 11					
C ATRAZINE DF	0.67 LAA 11					
D AM. SULFATE	17.00 PMG 11					
3A»AXIOM	0.51 LAA 9	89	91	92	94	220.8
B»LIBERTY	0.27 LAA 11					
C ATRAZINE DF	0.67 LAA 11					
D AM. SULFATE	17.00 PMG 11					
4A»LIBERTY ATZ 4.	1.34 LAA 11	68	85	85	81	215.2
B AM. SULFATE	17.00 PMG 11					
5A CHECK	0.00 NA 0	0	0	0	0	133.0
6A»ACCENT GOLD 83	0.151 LAA 0	68	86	75	70	208.3
B»DEX-79406 75DF	0.023 LAA 11					
C»HORNET 85.6WG	0.128 LAA 11					
D»COC	1.00 PMV 11					
E 28% UAN	2.50 PMV 11					
7A»LEADOFF 5SE	0.94 LAA 9	80	65	89	89	221.5
B»BASIS GOLD 90D	0.78 LAA 11					
C»COC	1.00 PMV 11					
D 28% UAN	2.50 PMV 11					
8A»BICEP II MAGNU	2.88 LAA 9	58	51	89	93	212.6
9A»BICEP II MAGNU	1.44 LAA 9	80	90	90	91	222.6
B»BALANCE 75WG	0.094 LAA 9					
C ATRAZINE DF	0.45 LAA 9					
10A»GLUFOS/ATR B79	1.34 LAA 11	84	91	89	94	221.4
B AM. SULFATE	17.00 PMG 11					
11A»AXIOM	0.64 LAA 9	83	79	78	80	218.4
B»LIBERTY	0.21 LAA 11					
C AM. SULFATE	17.00 PMG 11					
12A»DUAL II MAGNUM	1.60 LAA 9	78	99	99	99	203.8
B MARKSMAN SC	1.40 LAA 11					
C 28% UAN	2.50 PMV 11					
	LSD (0.05)	6.78	5.83	5.00	5.59	19.65
	STANDARD DEVIATION	3.35	2.88	2.45	2.76	9.72

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/03/1999(1)
 11 = ----- / EPOST 06/01/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/18/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/18/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/18/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/18/1999	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/18/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/07/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
007	SETFA	CON %	07/07/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/07/1999	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/07/1999	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/07/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	09/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER P33G28