

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
 PH: 6.2  
 %OM: 6.0  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE:  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	05/02/00	AME
AIR TEMPERATURE	68	F
% REL.HUMIDITY	45	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLEAR	
DEW	---	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
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	---/00	
PIONEER 34B23	/	IN
04/30/2000		

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

\* STAGE CODE  
 00 = DRY SEED (CARYOPSIS)

**TITLE:** DCPRESYS PREEMERGENCE WEED CONTROL IN CORN SW-1600  
**CREATED:** 04/24/2000 **REVISED:** 11/27/2000 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** DEKALB **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	AMBTR	POLPY	SETFA	ABUTH	ZEAMD
		RATE	UNIT		05/31/00	05/31/00	05/31/00	05/31/00	05/31/00	07/05/00
1A»	ICIA5676/ZA129	1.97	LAA	9	0	70	99	98	99	0
2A»	ICIA5676/ZA129	2.19	LAA	9	0	72	99	95	99	0
3A»	ICIA5676/ZA129	2.19	LAA	9	0	93	99	96	99	0
	B ATRAZINE DF	0.50	LAA	9						
4A»	ICIA5676/ZA129	2.19	LAA	9	0	96	99	98	99	0
	B ATRAZINE DF	1.00	LAA	9						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	FULTIME 4SC	3.00	LAA	9	0	77	99	96	50	0
7A»	FULTIME 4SC	3.25	LAA	9	0	80	99	99	68	0
8A»	FULTIME 4SC	3.50	LAA	9	0	92	99	99	70	0
9A»	FULTIME 4SC	3.25	LAA	9	0	92	99	99	90	0
	B ATRAZINE DF	0.50	LAA	9						
10A»	BALANCE PRO 4S	0.094	LAA	9	0	99	99	75	96	0
11A»	BALANCE PRO 4S	0.094	LAA	9	0	95	99	99	99	0
	B ATRAZINE DF	1.25	LAA	9						
12A»	EXP31430A 4.3S	1.34	LAA	9	0	82	99	99	99	0
13A»	BALANCE PRO 4S	0.094	LAA	9	0	88	99	98	99	0
	B ATRAZINE DF	1.25	LAA	9						
	C»DUAL II MAGNUM	0.72	LAA	9						
14A»	EXP31430A 4.3S	1.34	LAA	9	0	82	99	99	99	0
	B»DUAL II MAGNUM	0.72	LAA	9						
15A»	BICEP II MAGNU	2.89	LAA	9	0	93	99	90	90	0
16A»	EPIC 58DF	0.44	LAA	9	0	83	99	98	99	0
17A»	EXP 002	0.715	LAA	9	2	88	99	93	99	0
18A»	EXP 003	0.00	LAA	9	2	94	99	99	99	0
19A»	EPIC 58DF	0.44	LAA	9	0	95	99	99	99	0
	B ATRAZINE DF	1.25	LAA	9						
20A»	AXIOM AT 75WG	2.25	LAA	9	0	67	99	82	92	0
21A»	DEGREE XTRA 4S	3.20	LAA	9	0	87	99	98	88	0
22A	HARNESS XTRA	3.50	LAA	9	0	92	99	96	90	0
23A»	LEADOFF 5SE	2.80	LAA	9	0	88	99	96	90	0
24A»	HAND WEDED	0.00	NA	0	0	99	99	99	99	0
		LSD (0.05)			1.33	15.71	0.00	9.26	7.23	0.00
		STANDARD DEVIATION			0.665	7.86	0.00	4.63	3.62	0.00

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**LOCATION:** DEKALB **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	AMBTR 07/05/00	POLPY 07/05/00	SETFA 07/05/00	ABUTH 07/05/00	YIELD BU/A 10/17/00
		RATE	UNIT						
1A»	ICIA5676/ZA129	1.97	LAA	9	76	99	82	98	142.1
2A»	ICIA5676/ZA129	2.19	LAA	9	81	99	80	99	143.9
3A»	ICIA5676/ZA129	2.19	LAA	9	95	99	81	98	176.3
	B ATRAZINE DF	0.50	LAA	9					
4A»	ICIA5676/ZA129	2.19	LAA	9	94	99	82	98	162.2
	B ATRAZINE DF	1.00	LAA	9					
5A	CHECK	0.00	NA	0	0	0	0	0	8.2
6A»	FULTIME 4SC	3.00	LAA	9	38	98	88	75	117.2
7A»	FULTIME 4SC	3.25	LAA	9	55	99	87	70	136.8
8A»	FULTIME 4SC	3.50	LAA	9	77	99	89	70	156.4
9A»	FULTIME 4SC	3.25	LAA	9	76	99	90	78	158.9
	B ATRAZINE DF	0.50	LAA	9					
10A»	BALANCE PRO 4S	0.094	LAA	9	98	99	76	97	167.7
11A»	BALANCE PRO 4S	0.094	LAA	9	96	99	85	97	174.9
	B ATRAZINE DF	1.25	LAA	9					
12A»	EXP31430A 4.3S	1.34	LAA	9	91	99	82	98	160.3
13A»	BALANCE PRO 4S	0.094	LAA	9	92	99	91	99	156.1
	B ATRAZINE DF	1.25	LAA	9					
	C»DUAL II MAGNUM	0.72	LAA	9					
14A»	EXP31430A 4.3S	1.34	LAA	9	88	99	92	97	136.2
	B»DUAL II MAGNUM	0.72	LAA	9					
15A»	BICEP II MAGNU	2.89	LAA	9	77	99	80	77	155.6
16A»	EPIC 58DF	0.44	LAA	9	89	99	94	98	164.2
17A»	EXP 002	0.715	LAA	9	86	99	92	94	146.5
18A»	EXP 003	0.00	LAA	9	93	99	95	98	164.0
19A»	EPIC 58DF	0.44	LAA	9	96	99	96	98	173.7
	B ATRAZINE DF	1.25	LAA	9					
20A»	AXIOM AT 75WG	2.25	LAA	9	30	99	84	75	152.3
21A»	DEGREE XTRA 4S	3.20	LAA	9	71	99	90	78	138.5
22A	HARNESS XTRA	3.50	LAA	9	73	99	83	75	138.2
23A»	LEADOFF 5SE	2.80	LAA	9	67	99	88	75	142.7
24A»	HAND WEEDED	0.00	NA	0	99	99	99	99	165.4
		LSD (0.05)			13.31	0.385	7.25	5.93	31.57
		STANDARD DEVIATION			6.65	0.192	3.63	3.00	15.79

» = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 05/02/2000(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD		05/31/2000	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
002	AMBTR		05/31/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY		05/31/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA		05/31/2000	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH		05/31/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD		07/05/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMBTR		07/05/2000	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY		07/05/2000	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA		07/05/2000	04	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH		07/05/2000	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	YIELD	BU/A	10/17/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34B23