

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SCL
PH: 6.0
%OM: 6.0
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 7.5 X 29 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/04/99	06/07/99	06/10/99	AME
AIR TEMPERATURE	78	87	85	F
% REL.HUMIDITY	36	40	63	
WIND DIRECTION	SOUTHEAST	WEST	SOUTH	
WIND SPEED	8.0	12.0	7.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLOUDY	
DEW	NO	NO	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	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	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		---/13	---/14	
DEKALB 589RR		8.00/8.00	10.0/10.0	IN
05/03/1999				
*** PEST ***				
RAGWEED, GIANT		---/14	---/16	
		2.00/3.00	3.00/5.00	IN
FOXTAIL, GIANT		---/12	---/13	
		1.00/3.00	2.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: TRANSGENETIC CORN TWO-PASS PROGRAMS SW-600
CREATED: 04/19/1999 **REVISED:** 09/13/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DEKALB **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 29.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	ZEAMD	AMBTR	SETFA	ZEAMD	AMBTR	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/02/99	07/02/99	07/02/99	07/21/99
1A»	ROUNDUP READY	0.00	NA	0	0	85	83	0
B»	BALANCE 75WG	0.118	LAA	9				96
C	ATRAZINE DF	1.50	LAA	9				95
2A»	ROUNDUP READY	0.00	NA	0	0	92	93	0
B»	BALANCE 75WG	0.118	LAA	9				95
C»	HARNESS EXTRA	1.75	LAA	9				
D	ATRAZINE DF	1.50	LAA	9				95
3A»	ROUNDUP READY	0.00	NA	0	0	92	95	0
B»	HARNESS EXTRA	3.15	LAA	9				98
C	ROUNDUP ULTRA	0.75	LAA	12				
D	AM. SULFATE	17.00	PMG	12				98
4A»	ROUNDUP READY	0.00	NA	0	0	95	92	0
B»	BALANCE 75WG	0.094	LAA	9				97
C	ATRAZINE DF	1.50	LAA	9				
D	ROUNDUP ULTRA	0.38	LAA	12				95
E	AM. SULFATE	17.00	PMG	12				
5A»	ROUNDUP READY	0.00	NA	0	0	95	93	0
B»	BALANCE 75WG	0.07	LAA	9				93
C	ROUNDUP ULTRA	0.56	LAA	12				
D	AM. SULFATE	17.00	PMG	12				93
6A»	ROUNDUP READY	0.00	NA	0	0	95	93	0
B»	BALANCE 75WG	0.094	LAA	9				97
C	ROUNDUP ULTRA	0.56	LAA	12				
D	AM. SULFATE	17.00	PMG	12				97
7A»	ROUNDUP READY	0.00	NA	0	2	92	92	0
B»	DUAL II MAGNUM	1.60	LAA	9				95
C	ROUNDUP ULTRA	0.56	LAA	12				
D	AM. SULFATE	17.00	PMG	12				90
8A»	ROUNDUP READY	0.00	NA	0	3	92	95	0
B»	AXIOM	0.51	LAA	9				99
C	ROUNDUP ULTRA	0.75	LAA	12				
D	AM. SULFATE	17.00	PMG	12				96
9A»	ROUNDUP READY	0.00	NA	0	0	0	0	0
B	CHECK	0.00	NA	0				0
10A»	LIBERTY LINK C	0.00	NA	0	0	82	78	0
B»	BALANCE 75WG	0.094	LAA	9				93
C»	LIBERTY	0.21	LAA	12				
D	AM. SULFATE	17.00	PMG	12				87
11A»	LIBERTY LINK C	0.00	NA	0	0	77	73	0
B»	BALANCE 75WG	0.07	LAA	9				83
C»	LIBERTY	0.27	LAA	12				
D	AM. SULFATE	17.00	PMG	12				87
12A»	LIBERTY LINK C	0.00	NA	0	0	85	85	0
B»	BALANCE 75WG	0.094	LAA	9				99
C	ATRAZINE DF	1.50	LAA	9				
D»	LIBERTY	0.21	LAA	12				98
E	AM. SULFATE	17.00	PMG	12				
13A»	LIBERTY LINK C	0.00	NA	0	0	82	78	0
B»	BALANCE 75WG	0.094	LAA	9				82
C»	LIBERTY	0.27	LAA	12				
D	AM. SULFATE	17.00	PMG	12				73
14A»	LIBERTY LINK C	0.00	NA	0	0	91	80	0
B»	BALANCE 75WG	0.094	LAA	9				93
C	ATRAZINE DF	1.50	LAA	12				
D»	LIBERTY	0.21	LAA	12				92
E	AM. SULFATE	17.00	PMG	12				

TITLE: TRANSGENETIC CORN TWO-PASS PROGRAMS SW-600

TRT	TREATMENT	DOSAGE		ZEAMD	AMBTR	SETFA	ZEAMD	AMBTR	SETFA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					07/02/99	07/02/99	07/02/99	07/21/99	07/21/99
15A»	LIBERTY LINK C	0.00	NA	0	0	60	70	0	77
	B»AXIOM	0.51	LAA	9					73
	C»LIBERTY ATZ	1.08	LAA	12					
	D AM. SULFATE	17.00	PMG	12					
16A»	LIBERTY LINK C	0.00	NA	0	0	43	87	0	60
	B»AXIOM	0.64	LAA	9					82
	C»LIBERTY	0.27	LAA	12					
	D AM. SULFATE	17.00	PMG	12					
17A»	LIBERTY LINK C	0.00	NA	0	5	82	65	0	93
	B»FLUFENACET	0.34	LAA	11					83
	C»LIBERTY ATZ	1.08	LAA	11					
	D AM. SULFATE	17.00	PMG	11					
18A»	LIBERTY LINK C	0.00	NA	0	0	92	96	0	95
	B»BALANCE 75WG	0.094	LAA	9					96
	C ATRAZINE DF	1.50	LAA	9					
	D»LIGHTNING 70DG	0.056	LAA	12					
	E»COC	1.00	PMV	12					
	F AM. SULFATE	17.00	PMG	12					
19A»	LIBERTY LINK C	0.00	NA	0	0	88	96	0	96
	B»BALANCE 75WG	0.094	LAA	9					93
	C ATRAZINE DF	1.50	LAA	9					
	D»LIGHTNING 70DG	0.056	LAA	12					
	E»COC	1.00	PMV	12					
	F AM. SULFATE	17.00	PMG	12					
20A»	LIBERTY LINK C	0.00	NA	0	0	77	83	0	78
	B»BALANCE 75WG	0.094	LAA	9					88
	C»LIGHTNING 70DG	0.056	LAA	12					
	D»COC	1.00	PMV	12					
	E AM. SULFATE	17.00	PMG	12					
LSD (0.05)					2.41	10.54	10.56	0.00	3.94
STANDARD DEVIATION					1.19	5.22	5.23	0.00	2.00
									1.86

TITLE: TRANSGENETIC CORN TWO-PASS PROGRAMS SW-600

CREATED: 04/19/1999 REVISED: 09/13/1999

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DEKALB

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	YIELD BU/A 10/20/99
		RATE	UNIT		
1A»	ROUNDUP READY	0.00	NA	0	168.2
B»	BALANCE 75WG	0.118	LAA	9	
C	ATRAZINE DF	1.50	LAA	9	
2A»	ROUNDUP READY	0.00	NA	0	179.7
B»	BALANCE 75WG	0.118	LAA	9	
C»	HARNESS EXTRA	1.75	LAA	9	
D	ATRAZINE DF	1.50	LAA	9	
3A»	ROUNDUP READY	0.00	NA	0	186.1
B»	HARNESS EXTRA	3.15	LAA	9	
C	ROUNDUP ULTRA	0.75	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
4A»	ROUNDUP READY	0.00	NA	0	200.0
B»	BALANCE 75WG	0.094	LAA	9	
C	ATRAZINE DF	1.50	LAA	9	
D	ROUNDUP ULTRA	0.38	LAA	12	
E	AM. SULFATE	17.00	PMG	12	
5A»	ROUNDUP READY	0.00	NA	0	187.0
B»	BALANCE 75WG	0.07	LAA	9	
C	ROUNDUP ULTRA	0.56	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
6A»	ROUNDUP READY	0.00	NA	0	179.1
B»	BALANCE 75WG	0.094	LAA	9	
C	ROUNDUP ULTRA	0.56	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
7A»	ROUNDUP READY	0.00	NA	0	173.3
B»	DUAL II MAGNUM	1.60	LAA	9	
C	ROUNDUP ULTRA	0.56	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
8A»	ROUNDUP READY	0.00	NA	0	175.7
B»	AXIOM	0.51	LAA	9	
C	ROUNDUP ULTRA	0.75	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
9A»	ROUNDUP READY	0.00	NA	0	6.4
B	CHECK	0.00	NA	0	
10A»	LIBERTY LINK C	0.00	NA	0	157.4
B»	BALANCE 75WG	0.094	LAA	9	
C»	LIBERTY	0.21	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
11A»	LIBERTY LINK C	0.00	NA	0	149.8
B»	BALANCE 75WG	0.07	LAA	9	
C»	LIBERTY	0.27	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
12A»	LIBERTY LINK C	0.00	NA	0	166.6
B»	BALANCE 75WG	0.094	LAA	9	
C	ATRAZINE DF	1.50	LAA	9	
D»	LIBERTY	0.21	LAA	12	
E	AM. SULFATE	17.00	PMG	12	
13A»	LIBERTY LINK C	0.00	NA	0	164.1
B»	BALANCE 75WG	0.094	LAA	9	
C»	LIBERTY	0.27	LAA	12	
D	AM. SULFATE	17.00	PMG	12	
14A»	LIBERTY LINK C	0.00	NA	0	178.6
B»	BALANCE 75WG	0.094	LAA	9	
C	ATRAZINE DF	1.50	LAA	12	
D»	LIBERTY	0.21	LAA	12	
E	AM. SULFATE	17.00	PMG	12	

TITLE: TRANSGENETIC CORN TWO-PASS PROGRAMS SW-600

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD	
		RATE	UNIT	TM	BU/A 10/20/99
15A»	LIBERTY LINK C	0.00	NA	0	127.3
	B»AXIOM	0.51	LAA	9	
	C»LIBERTY ATZ	1.08	LAA	12	
	D AM. SULFATE	17.00	PMG	12	
16A»	LIBERTY LINK C	0.00	NA	0	95.2
	B»AXIOM	0.64	LAA	9	
	C»LIBERTY	0.27	LAA	12	
	D AM. SULFATE	17.00	PMG	12	
17A»	LIBERTY LINK C	0.00	NA	0	109.1
	B»FLUFENACET	0.34	LAA	11	
	C»LIBERTY ATZ	1.08	LAA	11	
	D AM. SULFATE	17.00	PMG	11	
18A»	LIBERTY LINK C	0.00	NA	0	177.1
	B»BALANCE 75WG	0.094	LAA	9	
	C ATRAZINE DF	1.50	LAA	9	
	D»LIGHTNING 70DG	0.056	LAA	12	
	E»COC	1.00	PMV	12	
	F AM. SULFATE	17.00	PMG	12	
19A»	LIBERTY LINK C	0.00	NA	0	157.4
	B»BALANCE 75WG	0.094	LAA	9	
	C ATRAZINE DF	1.50	LAA	9	
	D»LIGHTNING 70DG	0.056	LAA	12	
	E»COC	1.00	PMV	12	
	F AM. SULFATE	17.00	PMG	12	
20A»	LIBERTY LINK C	0.00	NA	0	168.2
	B»BALANCE 75WG	0.094	LAA	9	
	C»LIGHTNING 70DG	0.056	LAA	12	
	D»COC	1.00	PMV	12	
	E AM. SULFATE	17.00	PMG	12	
LSD (0.05)					22.67
STANDARD DEVIATION					11.22

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/04/1999(1)
 11 = ----- / EPOST 06/07/1999(2)
 12 = ----- / POST 06/10/1999(3)

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 %	07/02/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBTR	CON %	07/02/1999	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/02/1999	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ZEAMD	CON %	07/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBTR	CON %	07/21/1999	02	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/21/1999	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/20/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR