

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 32 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/10/06	06/15/06	AME
AIR TEMPERATURE	70	82	F
% REL.HUMIDITY	40	45	
WIND DIRECTION	NORTHWEST	SOUTHWEST	
WIND SPEED	5.0	7.0	M/H
CLOUD COVER	CLOUDY	CLOUDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/16	
PIONEER 34H35 RR		14.0/15.0	IN
05/10/2006			
*** PEST ***			
VELVETLEAF		---/15	
		3.00/6.00	IN
RAGWEED, GIANT		---/19	
		8.00/14.0	IN
LAMBSQUARTERS, C		---/19	
		4.00/7.00	IN
FOXTAIL, GIANT		---/15	
		4.00/6.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

15 = 5 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control in Glufosinate-Resistant Corn. SW-1600
CREATED: 05/01/2006 **REVISED:** 08/18/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT		CON % 06/13/06	CON % 06/13/06	CON % 06/13/06	CON % 06/13/06	CON % 06/13/06	CON % 06/27/06
1A	BALANCE PRO 4	0.031	LAA	9	0	93	58	81	97	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4	0.047	LAA	9	0	96	77	92	98	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	BALANCE PRO 4	0.047	LAA	9	0	98	84	95	99	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
4A	BALANCE PRO 4	0.047	LAA	9	0	96	77	89	99	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
5A	HARNESS XTRA	1.54	LAA	9	0	98	76	65	97	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
6A	DEGREE XTRA	1.52	LAA	9	0	98	62	70	98	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
7A	GUARDSMAN MAX	1.56	LAA	9	0	98	72	60	99	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
8A	BALANCE PRO 4	0.031	LAA	9	0	94	81	88	98	0
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»AE F0172747 3.	0.041	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
9A	LIBERTY 1.67SL	0.42	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						
10A	LIBERTY 1.67SL	0.84	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						
11A»AE	F039866 2.3	0.42	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						
12A»AE	F039866 2.3	0.84	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						
13A	CHECK	0.00	NA	0						0
14A	LIBERTY 1.67SL	0.42	LAA	12						0
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
15A»AE	F039866 2.3	0.42	LAA	12						0
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
16A	LIBERTY 1.67SL	0.36	LAA	12						0
	B CALLISTO 4SC	0.094	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
		LSD (0.05)			0.00	4.00	22.45	7.73	2.95	0.00
		STANDARD DEVIATION			0.00	1.87	10.47	3.61	1.37	0.00

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT		CON % 06/27/06	CON % 06/27/06	CON % 06/27/06	CON % 06/27/06	CON % 07/12/06	CON % 07/12/06
1A	BALANCE PRO 4	0.031	LAA	9	98	91	91	96	0	96
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4	0.047	LAA	9	99	95	97	98	0	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	BALANCE PRO 4	0.047	LAA	9	99	98	98	99	0	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
4A	BALANCE PRO 4	0.047	LAA	9	99	97	98	99	0	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
5A	HARNESS XTRA	1.54	LAA	9	99	92	91	99	0	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
6A	DEGREE XTRA	1.52	LAA	9	99	95	96	99	0	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
7A	GUARDSMAN MAX	1.56	LAA	9	99	96	97	99	0	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
8A	BALANCE PRO 4	0.031	LAA	9	98	98	97	99	0	98
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»AE F0172747 3.	0.041	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
9A	LIBERTY 1.67SL	0.42	LAA	12	98	68	68	58	0	97
	B»LIQUID AMS	5.00	PMV	12						
10A	LIBERTY 1.67SL	0.84	LAA	12	99	92	87	83	0	99
	B»LIQUID AMS	5.00	PMV	12						
11A»AE	F039866 2.3	0.42	LAA	12	97	72	70	50	0	97
	B»LIQUID AMS	5.00	PMV	12						
12A»AE	F039866 2.3	0.84	LAA	12	99	87	87	80	0	98
	B»LIQUID AMS	5.00	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	LIBERTY 1.67SL	0.42	LAA	12	98	89	83	84	0	98
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
15A»AE	F039866 2.3	0.42	LAA	12	98	78	82	79	0	98
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
16A	LIBERTY 1.67SL	0.36	LAA	12	98	91	90	90	0	97
	B CALLISTO 4SC	0.094	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
		LSD (0.05)			1.63	8.13	6.22	8.00	0.00	1.70
		STANDARD DEVIATION			0.80	4.00	3.00	3.91	0.00	0.831

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LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 32.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	ABUTH	CHEAL
		RATE	UNIT		CON % 07/12/06	CON % 07/12/06	CON % 07/12/06
1A	BALANCE PRO 4	0.031	LAA	9	83	91	95
	B LIBERTY 1.67SL	0.42	LAA	12			
	C»LIQUID AMS	5.00	PMV	12			
2A	BALANCE PRO 4	0.047	LAA	9	92	97	97
	B LIBERTY 1.67SL	0.42	LAA	12			
	C»LIQUID AMS	5.00	PMV	12			
3A	BALANCE PRO 4	0.047	LAA	9	98	99	99
	B LIBERTY 1.67SL	0.42	LAA	12			
	C ATRAZINE DF	1.00	LAA	12			
	D»LIQUID AMS	5.00	PMV	12			
4A	BALANCE PRO 4	0.047	LAA	9	98	99	99
	B LIBERTY 1.67SL	0.42	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»LIQUID AMS	5.00	PMV	12			
5A	HARNESS XTRA	1.54	LAA	9	98	90	99
	B LIBERTY 1.67SL	0.42	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»LIQUID AMS	5.00	PMV	12			
6A	DEGREE XTRA	1.52	LAA	9	93	95	99
	B LIBERTY 1.67SL	0.42	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»LIQUID AMS	5.00	PMV	12			
7A	GUARDSMAN MAX	1.56	LAA	9	99	96	99
	B LIBERTY 1.67SL	0.42	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»LIQUID AMS	5.00	PMV	12			
8A	BALANCE PRO 4	0.031	LAA	9	99	98	99
	B LIBERTY 1.67SL	0.42	LAA	12			
	C»AE F0172747 3.	0.041	LAA	12			
	D»LIQUID AMS	5.00	PMV	12			
9A	LIBERTY 1.67SL	0.42	LAA	12	60	67	57
	B»LIQUID AMS	5.00	PMV	12			
10A	LIBERTY 1.67SL	0.84	LAA	12	90	82	72
	B»LIQUID AMS	5.00	PMV	12			
11A»AE	F039866 2.3	0.42	LAA	12	65	63	43
	B»LIQUID AMS	5.00	PMV	12			
12A»AE	F039866 2.3	0.84	LAA	12	87	88	75
	B»LIQUID AMS	5.00	PMV	12			
13A	CHECK	0.00	NA	0	0	0	0
14A	LIBERTY 1.67SL	0.42	LAA	12	78	77	77
	B ATRAZINE DF	0.50	LAA	12			
	C»LIQUID AMS	5.00	PMV	12			
15A»AE	F039866 2.3	0.42	LAA	12	84	75	78
	B ATRAZINE DF	0.50	LAA	12			
	C»LIQUID AMS	5.00	PMV	12			
16A	LIBERTY 1.67SL	0.36	LAA	12	90	96	94
	B CALLISTO 4SC	0.094	LAA	12			
	C»LIQUID AMS	5.00	PMV	12			
		LSD (0.05)			11.81	5.71	7.11
		STANDARD DEVIATION			5.78	2.80	3.48

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/10/2006(1)

12 = ----- / POST 06/15/2006(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 %	06/13/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/13/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/13/2006	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/13/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/13/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/27/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/27/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/27/2006	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/27/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/27/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/12/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/12/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	07/12/2006	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/12/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/12/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 34H35 RR/LL