

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/08/06	06/02/06	AME
AIR TEMPERATURE	77	83	F
% REL. HUMIDITY	40	30	
WIND DIRECTION	SOUTHWEST	NORTHWEST	
WIND SPEED	3.0	8.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	NO	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	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	

* TIMING CODES

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

TITLE: Weed Control in Glufosinate-Resistant Corn. AS-400
CREATED: 04/25/2006 **REVISED:** 08/09/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU
		RATE	UNIT		CON % 06/02/06	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06
1A	BALANCE PRO 4	0.031	LAA	9	0	47	65	75	30	33
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4	0.047	LAA	9	0	50	65	77	70	43
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	BALANCE PRO 4	0.047	LAA	9	0	52	68	78	76	57
	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	60	73	88	78	53
	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	94	98	98	78	82
	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	83	93	93	63	63
	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	88	97	97	53	70
	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	48	55	68	33	37
	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	LIBERTY 1.67SL	0.42	LAA	12	0					
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
14A»	AE F039866 2.3	0.42	LAA	12	0					
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
15A	LIBERTY 1.67SL	0.36	LAA	12	0					
	B CALLISTO 4SC	0.094	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
17A	CHECK	0.00	NA	0						
18A	LIBERTY 1.67SL	0.29	LAA	12	0					
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						

TITLE: Weed Control in Glufosinate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU
		RATE	UNIT TM	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06	CON % 06/02/06
19A	LIBERTY 1.67SL	0.29	LAA 12	0					
	B ATRAZINE DF	0.50	LAA 12						
	C»CLASS ACT NG	2.50	PMV 12						
20A	LIBERTY 1.67SL	0.29	LAA 12	0					
	B ATRAZINE DF	0.50	LAA 12						
	C»CLASS ACT NG	2.50	PMV 12						
	D»AG 02013	4.00	ZMA 12						
		LSD (0.05)		0.00	7.82	9.44	8.57	11.57	12.52
		STANDARD DEVIATION		0.00	3.69	4.45	4.00	5.46	5.91

TITLE: Weed Control in Glufosinate-Resistant Corn. AS-400
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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU
		RATE	UNIT		CON % 06/18/06	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06
1A	BALANCE PRO 4	0.031	LAA	9	0	98	98	94	99	97
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4	0.047	LAA	9	2	99	97	97	99	98
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	BALANCE PRO 4	0.047	LAA	9	3	94	98	99	99	98
	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	97	98	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	0	99	99	99	99	98
	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	99	98	99	98
	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	99	99	99	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	1	98	98	98	99	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	7	98	98	94	99	98
	B»LIQUID AMS	5.00	PMV	12						
10A	LIBERTY 1.67SL	0.84	LAA	12	7	99	99	98	99	99
	B»LIQUID AMS	5.00	PMV	12						
11A»AE	F039866 2.3	0.42	LAA	12	9	98	92	83	98	97
	B»LIQUID AMS	5.00	PMV	12						
12A»AE	F039866 2.3	0.84	LAA	12	6	99	98	96	99	98
	B»LIQUID AMS	5.00	PMV	12						
13A	LIBERTY 1.67SL	0.42	LAA	12	8	97	96	96	99	98
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
14A»AE	F039866 2.3	0.42	LAA	12	5	99	98	98	99	99
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
15A	LIBERTY 1.67SL	0.36	LAA	12	8	99	97	96	99	98
	B CALLISTO 4SC	0.094	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
17A	CHECK	0.00	NA	0						
18A	LIBERTY 1.67SL	0.29	LAA	12	6	96	94	95	99	97
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						

TITLE: Weed Control in Glufosinate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU
		RATE	UNIT TM	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06	CON % 06/18/06
19A	LIBERTY 1.67SL	0.29	LAA 12	8	97	95	96	99	97
	B ATRAZINE DF	0.50	LAA 12						
	C»CLASS ACT NG	2.50	PMV 12						
20A	LIBERTY 1.67SL	0.29	LAA 12	8	97	97	96	99	98
	B ATRAZINE DF	0.50	LAA 12						
	C»CLASS ACT NG	2.50	PMV 12						
	D»AG 02013	4.00	ZMA 12						
		LSD (0.05)		4.22	2.00	1.92	1.92	0.00	1.00
		STANDARD DEVIATION		2.09	1.00	1.00	0.949	0.00	0.471

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU
		RATE	UNIT		CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06
1A	BALANCE PRO 4	0.031	LAA	9	0	97	97	92	99	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4	0.047	LAA	9	0	97	96	94	99	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
3A	BALANCE PRO 4	0.047	LAA	9	0	95	99	99	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	0	93	93	94	99	98
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
5A	HARNESX XTRA	1.54	LAA	9	0	98	99	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						
6A	DEGREE XTRA	1.52	LAA	9	0	97	98	97	97	98
	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	99	99	99	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	0	92	86	78	99	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	7	92	86	78	99	98
	B»LIQUID AMS	5.00	PMV	12						
10A	LIBERTY 1.67SL	0.84	LAA	12	4	98	92	94	99	99
	B»LIQUID AMS	5.00	PMV	12						
11A»AE	F039866 2.3	0.42	LAA	12	8	93	73	62	95	93
	B»LIQUID AMS	5.00	PMV	12						
12A»AE	F039866 2.3	0.84	LAA	12	5	95	88	85	99	99
	B»LIQUID AMS	5.00	PMV	12						
13A	LIBERTY 1.67SL	0.42	LAA	12	6	87	86	89	99	99
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
14A»AE	F039866 2.3	0.42	LAA	12	7	94	94	92	99	99
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
15A	LIBERTY 1.67SL	0.36	LAA	12	7	94	88	88	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
17A	CHECK	0.00	NA	0						
18A	LIBERTY 1.67SL	0.29	LAA	12	10	86	85	86	99	99
	B ATRAZINE DF	0.50	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						

TITLE: Weed Control in Glufosinate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMATA	CHEAL	ABUTH	PHBPU	
		RATE	UNIT	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	
19A	LIBERTY 1.67SL	0.29	LAA	12	8	89	87	87	99	99
	B ATRAZINE DF	0.50	LAA	12						
	C»CLASS ACT NG	2.50	PMV	12						
20A	LIBERTY 1.67SL	0.29	LAA	12	7	93	92	94	99	99
	B ATRAZINE DF	0.50	LAA	12						
	C»CLASS ACT NG	2.50	PMV	12						
	D»AG 02013	4.00	ZMA	12						
		LSD (0.05)			6.64	4.67	5.42	6.47	1.52	1.30
		STANDARD DEVIATION			3.28	2.31	2.68	3.20	0.754	0.641

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/08/2006(1)
12 = ----- / POST 06/02/2006(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/02/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/02/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/02/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/02/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/02/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/02/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/18/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/18/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/18/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/18/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/18/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/18/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/05/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/05/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/05/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	07/05/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/05/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/05/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = P 34H35