

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/27/06	05/30/06	AME
AIR TEMPERATURE	73	87	F
% REL.HUMIDITY	21	35	
WIND DIRECTION	NORTHWEST	SOUTHWEST	
WIND SPEED	9.0	9.0	M/H
CLOUD COVER	CLEAR	CLEAR	
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	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/14	
ASGROW 752RR		8.00/10.0	IN
04/26/2006			
*** PEST ***			
VELVETLEAF		---/13	
		1.00/3.00	IN
WATERHEMP, COMMO		---/19	
		1.00/3.00	IN
LAMBSQUARTERS, C		---/19	
		1.00/3.00	IN
MORNINGGLORY, TA		---/15	
		1.00/2.00	IN
FOXTAIL, GIANT		---/14	
		2.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

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

TITLE: Weed Control Systems with Resolve in Glyphosate-Resistant Corn. AS-100
CREATED: 04/18/2006 **REVISED:** 08/07/2006 **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	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06
1A	RESOLVE 25DF	0.023	LAA	9	0	92	99	99	99	89
	B BALANCE PRO 4	0.047	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
2A	LEXAR 3.7L	3.24	LAA	9	0	98	99	99	99	96
3A	RESOLVE 25DF	0.016	LAA	9	0	88	81	83	68	70
	B WEATHERMAX 4.5	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
4A	RESOLVE 25DF	0.016	LAA	9	0	91	99	98	90	88
	B ATRAZINE DF	1.50	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	9	0	93	99	99	93	91
	B ATRAZINE DF	1.00	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D RESOLVE 25DF	0.016	LAA	11						
	E LIQUID AMS	2.50	PMV	11						
6A	BICEP II MAGNU	1.44	LAA	9	0	98	99	99	99	97
	B ACCENT 75WG	0.023	LAA	11						
	C HARMONY GT 50W	0.0016	LAA	11						
	D CALLISTO 4SC	0.063	LAA	11						
	E ATRAZINE DF	0.50	LAA	11						
	F COC	1.00	PMV	11						
	G LIQUID AMS	2.50	PMV	11						
7A	BICEP II MAGNU	1.44	LAA	9	0	97	99	99	99	97
	B STEADFAST 75WG	0.035	LAA	11						
	C CALLISTO 4SC	0.063	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E COC	1.00	PMV	11						
	F LIQUID AMS	2.50	PMV	11						
8A	HARNESS XTRA	1.75	LAA	9	0	99	99	99	96	96
	B WEATHERMAX 4.5	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
9A	WEATHERMAX 4.5	0.78	LAA	11	0	80	57	57	60	68
	B LIQUID AMS	2.50	PMV	11						
10A	WEATHERMAX 4.5	0.78	LAA	11	0	96	98	98	96	95
	B RESOLVE 25DF	0.016	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	RESOLVE 25DF	0.016	LAA	9	0	88	99	99	98	98
	B ATRAZINE DF	1.00	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D ATRAZINE DF	1.00	LAA	11						
	E LIQUID AMS	2.50	PMV	11						
13A	RESOLVE 25DF	0.016	LAA	9	0	87	99	99	92	93
	B ATRAZINE DF	1.00	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
14A	BALANCE PRO 4	0.047	LAA	9	0	89	99	99	99	96
	B ATRAZINE DF	1.50	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.00	4.19	7.30	4.00	7.00	6.37
		STANDARD DEVIATION			0.00	2.00	3.55	1.93	3.39	3.10

TITLE: Weed Control Systems with Resolve in Glyphosate-Resistant Corn. AS-100
CREATED: 04/18/2006 **REVISED:** 08/07/2006 **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	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/27/06	CON % 06/27/06	CON % 06/27/06	CON % 06/27/06	CON % 06/27/06	CON % 06/27/06
1A	RESOLVE 25DF	0.023	LAA	9	0	77	99	99	99	76
B	BALANCE PRO 4	0.047	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
2A	LEXAR 3.7L	3.24	LAA	9	0	94	99	99	99	90
3A	RESOLVE 25DF	0.016	LAA	9	0	75	77	83	65	65
B	WEATHERMAX 4.5	0.78	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
4A	RESOLVE 25DF	0.016	LAA	9	0	77	99	99	79	75
B	ATRAZINE DF	1.50	LAA	9						
C	WEATHERMAX 4.5	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	9	0	72	99	99	79	77
B	ATRAZINE DF	1.00	LAA	9						
C	WEATHERMAX 4.5	0.78	LAA	11						
D	RESOLVE 25DF	0.016	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
6A	BICEP II MAGNU	1.44	LAA	9	0	90	99	99	99	93
B	ACCENT 75WG	0.023	LAA	11						
C	HARMONY GT 50W	0.0016	LAA	11						
D	CALLISTO 4SC	0.063	LAA	11						
E	ATRAZINE DF	0.50	LAA	11						
F	COC	1.00	PMV	11						
G	LIQUID AMS	2.50	PMV	11						
7A	BICEP II MAGNU	1.44	LAA	9	0	93	99	99	99	97
B	STEADFAST 75WG	0.035	LAA	11						
C	CALLISTO 4SC	0.063	LAA	11						
D	ATRAZINE DF	0.50	LAA	11						
E	COC	1.00	PMV	11						
F	LIQUID AMS	2.50	PMV	11						
8A	HARNESS XTRA	1.75	LAA	9	2	93	97	96	83	78
B	WEATHERMAX 4.5	0.78	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
9A	WEATHERMAX 4.5	0.78	LAA	11	0	65	65	67	40	47
B	LIQUID AMS	2.50	PMV	11						
10A	WEATHERMAX 4.5	0.78	LAA	11	3	81	86	90	88	87
B	RESOLVE 25DF	0.016	LAA	11						
C	ATRAZINE DF	0.75	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	RESOLVE 25DF	0.016	LAA	9	0	75	99	99	89	92
B	ATRAZINE DF	1.00	LAA	9						
C	WEATHERMAX 4.5	0.78	LAA	11						
D	ATRAZINE DF	1.00	LAA	11						
E	LIQUID AMS	2.50	PMV	11						
13A	RESOLVE 25DF	0.016	LAA	9	0	67	99	99	81	75
B	ATRAZINE DF	1.00	LAA	9						
C	WEATHERMAX 4.5	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
14A	BALANCE PRO 4	0.047	LAA	9	0	76	99	99	99	84
B	ATRAZINE DF	1.50	LAA	9						
C	WEATHERMAX 4.5	0.78	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					2.49	6.34	6.46	5.69	6.83	6.00
STANDARD DEVIATION					1.21	3.08	3.14	2.77	3.32	2.92

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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	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/14/06	CON % 07/14/06	CON % 07/14/06	CON % 07/14/06	CON % 07/14/06	CON % 07/14/06
1A	RESOLVE 25DF	0.023	LAA	9	0	74	99	99	97	70
	B BALANCE PRO 4	0.047	LAA	9						
	C ATRAZINE DF	1.50	LAA	9						
2A	LEXAR 3.7L	3.24	LAA	9	0	91	99	99	99	88
3A	RESOLVE 25DF	0.016	LAA	9	0	68	68	72	57	60
	B WEATHERMAX 4.5	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
4A	RESOLVE 25DF	0.016	LAA	9	0	73	98	97	75	73
	B ATRAZINE DF	1.50	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
5A	RESOLVE 25DF	0.016	LAA	9	0	67	99	99	72	73
	B ATRAZINE DF	1.00	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D RESOLVE 25DF	0.016	LAA	11						
	E LIQUID AMS	2.50	PMV	11						
6A	BICEP II MAGNU	1.44	LAA	9	0	88	99	99	89	85
	B ACCENT 75WG	0.023	LAA	11						
	C HARMONY GT 50W	0.0016	LAA	11						
	D CALLISTO 4SC	0.063	LAA	11						
	E ATRAZINE DF	0.50	LAA	11						
	F COC	1.00	PMV	11						
	G LIQUID AMS	2.50	PMV	11						
7A	BICEP II MAGNU	1.44	LAA	9	0	88	99	99	99	93
	B STEADFAST 75WG	0.035	LAA	11						
	C CALLISTO 4SC	0.063	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E COC	1.00	PMV	11						
	F LIQUID AMS	2.50	PMV	11						
8A	HARNESS XTRA	1.75	LAA	9	0	91	98	95	82	78
	B WEATHERMAX 4.5	0.78	LAA	11						
	C LIQUID AMS	2.50	PMV	11						
9A	WEATHERMAX 4.5	0.78	LAA	11	0	60	63	68	43	47
	B LIQUID AMS	2.50	PMV	11						
10A	WEATHERMAX 4.5	0.78	LAA	11	0	78	86	91	85	78
	B RESOLVE 25DF	0.016	LAA	11						
	C ATRAZINE DF	0.75	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	RESOLVE 25DF	0.016	LAA	9	0	85	99	99	91	88
	B ATRAZINE DF	1.00	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D ATRAZINE DF	1.00	LAA	11						
	E LIQUID AMS	2.50	PMV	11						
13A	RESOLVE 25DF	0.016	LAA	9	0	63	99	99	77	70
	B ATRAZINE DF	1.00	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
14A	BALANCE PRO 4	0.047	LAA	9	0	76	99	99	99	80
	B ATRAZINE DF	1.50	LAA	9						
	C WEATHERMAX 4.5	0.78	LAA	11						
	D LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.00	9.08	7.51	5.09	10.55	11.00
		STANDARD DEVIATION			0.00	4.42	3.65	2.48	5.13	5.36

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/27/2006(1)
 11 = ----- / EPOST 05/30/2006(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 %	06/07/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/07/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/07/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/07/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/07/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/07/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/27/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/27/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/27/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/27/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/27/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/27/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	07/14/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/14/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/14/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/14/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	07/14/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/14/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 752RR