

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.7
%OM: 5.1
PREV.CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/05/06	06/28/06	07/05/06	07/21/06	AME
AIR TEMPERATURE	83	80	76	80	F
% REL.HUMIDITY	30	60	50	72	
WIND DIRECTION	SOUTH	NORTHWEST	NORTHEAST	NORTHEAST	
WIND SPEED	2.0	3.0	7.0	3.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	---	
DEW	NO	NO	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN		---/13	---/15	---/63	
A 3005		5.00/5.00	8.00/8.00	16.0/18.0	IN
06/05/2006					
*** PEST ***					
WATERHEMP, COMMO		---/19	---/19	---/19	
		2.00/8.00	2.00/12.0	2.00/12.0	IN
LAMBSQUARTERS, C		---/19	---/19	---/19	
		1.00/3.00	2.00/6.00	4.00/8.00	IN
MORNINGGLORY, TA		---/15	---/19	---/19	
		1.00/2.00	2.00/6.00	4.00/8.00	IN
FOXTAIL, GIANT		---/13	---/15	---/18	
		2.00/4.00	2.00/10.0	2.00/12.0	IN
COCKLEBUR, COMMO		---/13	---/16	---/18	
		2.00/4.00	4.00/8.00	6.00/10.0	IN

* TIMING CODES

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

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
63 = 30% OF FLOWERS OPEN (DETERMINATE)

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean II. M-17W
CREATED: 06/01/2006 **REVISED:** 08/29/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	AMATA	CHEAL	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/28/06	06/28/06	06/28/06	06/28/06
1A	DOMAIN 60DF	0.45	LAA	9	0	63	77	88
	B SCEPTER 70DG	0.063	LAA	9				65
	C»BUCCANEER PLUS	0.75	LAA	12				62
	D»ARRAY	9.00	PMG	12				
2A	DOMAIN 60DF	0.45	LAA	9	0	60	86	91
	B»ACUMEN 3.3L	0.83	LAA	9				63
	C»BUCCANEER PLUS	0.75	LAA	12				37
	D»ARRAY	9.00	PMG	13				
3A»	PREFIX 5.32SL	1.34	LAA	9	0	53	84	94
	B»TOUCHDN TOTAL	0.75	LAA	12				62
	C»LIQUID AMS	2.50	PMV	12				37
4A»	METRI DF 75DF	0.38	LAA	9	0	0	57	78
	B»WEATHERMAX 4.5	0.75	LAA	11				40
	C»LIQUID AMS	2.50	PMV	11				0
	D»WEATHERMAX 4.5	0.75	LAA	13				
	E»LIQUID AMS	2.50	PMV	13				
5A»	METRI DF 75DF	0.38	LAA	9	0	0	50	70
	B»WEATHERMAX 4.5	0.75	LAA	11				30
	C»LIQUID AMS	2.50	PMV	11				0
	D»WEATHERMAX 4.5	0.75	LAA	13				
	E ULTRA BLAZER	0.31	LAA	13				
	F»LIQUID AMS	2.50	PMV	13				
6A»	METRI DF 75DF	0.38	LAA	9	0	0	48	72
	B»WEATHERMAX 4.5	0.75	LAA	11				30
	C ULTRA BLAZER	0.19	LAA	11				0
	D»LIQUID AMS	2.50	PMV	11				
	E»WEATHERMAX 4.5	0.75	LAA	13				
	F»LIQUID AMS	2.50	PMV	13				
7A»	METRI DF 75DF	0.38	LAA	9	0	0	52	75
	B»WEATHERMAX 4.5	0.75	LAA	11				33
	C ULTRA BLAZER	0.19	LAA	11				0
	D»LIQUID AMS	2.50	PMV	11				
	E»WEATHERMAX 4.5	0.75	LAA	13				
	F ULTRA BLAZER	0.31	LAA	13				
	G»LIQUID AMS	2.50	PMV	13				
8A»	SPARTAN 4L	0.167	LAA	9	0	27	62	73
	B SENCOR 75WG	0.098	LAA	9				57
	C»WEATHERMAX 4.5	0.75	LAA	12				37
	D»LIQUID AMS	2.50	PMV	12				
9A	PURSUIT +	0.91	LAA	9	0	55	68	88
	B»WEATHERMAX 4.5	0.75	LAA	12				58
	C»LIQUID AMS	2.50	PMV	12				27
10A	CHECK	0.00	NA	0	0	0	0	0
11A»	WEATHERMAX 4.5	0.75	LAA	11	0			
	B ULTRA BLAZER	0.19	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
	D»WEATHERMAX 4.5	0.75	LAA	13				
	E ULTRA BLAZER	0.31	LAA	13				
	F»LIQUID AMS	2.50	PMV	13				
12A»	BUCCANEER PLUS	0.75	LAA	11	0			
	B»ARRAY	9.00	PMG	11				
	C»BUCCANEER PLUS	0.75	LAA	13				
	D»ARRAY	9.00	PMG	13				
LSD (0.05)					0.00	10.53	17.47	9.86
STANDARD DEVIATION					0.00	5.00	8.32	4.69
								13.42
								6.39
								12.54
								6.00

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean II. M-17W
CREATED: 06/01/2006 **REVISED:** 08/29/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	CHEAL	PHBPU	XANST	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					07/15/06	07/15/06	07/15/06	07/15/06	07/15/06	
1A	DOMAIN 60DF	0.45	LAA	9	0	99	99	99	97	99
	B SCEPTER 70DG	0.063	LAA	9						
	C»BUCCANEER PLUS	0.75	LAA	12						
	D»ARRAY	9.00	PMG	12						
2A	DOMAIN 60DF	0.45	LAA	9	0	99	99	99	92	96
	B»ACUMEN 3.3L	0.83	LAA	9						
	C»BUCCANEER PLUS	0.75	LAA	12						
	D»ARRAY	9.00	PMG	13						
3A»	PREFIX 5.32SL	1.34	LAA	9	0	99	99	99	94	98
	B»TOUCHDN TOTAL	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A»	METRI DF 75DF	0.38	LAA	9	0	94	97	98	76	89
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»WEATHERMAX 4.5	0.75	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
5A»	METRI DF 75DF	0.38	LAA	9	0	93	97	99	72	92
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»WEATHERMAX 4.5	0.75	LAA	13						
	E ULTRA BLAZER	0.31	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
6A»	METRI DF 75DF	0.38	LAA	9	0	93	93	99	75	93
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C ULTRA BLAZER	0.19	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»WEATHERMAX 4.5	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
7A»	METRI DF 75DF	0.38	LAA	9	0	96	92	99	80	93
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C ULTRA BLAZER	0.19	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»WEATHERMAX 4.5	0.75	LAA	13						
	F ULTRA BLAZER	0.31	LAA	13						
	G»LIQUID AMS	2.50	PMV	13						
8A»	SPARTAN 4L	0.167	LAA	9	0	97	99	99	98	98
	B SENCOR 75WG	0.098	LAA	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A	PURSUIT +	0.91	LAA	9	0	99	99	99	98	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	WEATHERMAX 4.5	0.75	LAA	11	0	93	78	98	78	91
	B ULTRA BLAZER	0.19	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»WEATHERMAX 4.5	0.75	LAA	13						
	E ULTRA BLAZER	0.31	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
12A»	BUCCANEER PLUS	0.75	LAA	11	0	94	75	94	72	91
	B»ARRAY	9.00	PMG	11						
	C»BUCCANEER PLUS	0.75	LAA	13						
	D»ARRAY	9.00	PMG	13						
LSD (0.05)					0.00	3.00	4.63	1.00	5.12	2.94
STANDARD DEVIATION					0.00	1.45	2.23	0.466	2.47	1.42

TITLE: Weed Control Systems in Glyphosate-Resistant Soybean II. M-17W
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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	AMATA	CHEAL	PHBPU	XANST	
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	
					07/28/06	07/28/06	07/28/06	07/28/06	07/28/06	
1A	DOMAIN 60DF	0.45	LAA	9	0	99	96	99	91	98
	B SCEPTER 70DG	0.063	LAA	9						
	C»BUCCANEER PLUS	0.75	LAA	12						
	D»ARRAY	9.00	PMG	12						
2A	DOMAIN 60DF	0.45	LAA	9	0	99	95	99	79	96
	B»ACUMEN 3.3L	0.83	LAA	9						
	C»BUCCANEER PLUS	0.75	LAA	12						
	D»ARRAY	9.00	PMG	13						
3A»	PREFIX 5.32SL	1.34	LAA	9	0	99	97	99	88	99
	B»TOUCHDN TOTAL	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A»	METRI DF 75DF	0.38	LAA	9	0	99	99	99	88	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»WEATHERMAX 4.5	0.75	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
5A»	METRI DF 75DF	0.38	LAA	9	8	99	99	99	98	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»WEATHERMAX 4.5	0.75	LAA	13						
	E ULTRA BLAZER	0.31	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
6A»	METRI DF 75DF	0.38	LAA	9	0	99	99	99	93	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C ULTRA BLAZER	0.19	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»WEATHERMAX 4.5	0.75	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
7A»	METRI DF 75DF	0.38	LAA	9	10	99	99	99	98	99
	B»WEATHERMAX 4.5	0.75	LAA	11						
	C ULTRA BLAZER	0.19	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»WEATHERMAX 4.5	0.75	LAA	13						
	F ULTRA BLAZER	0.31	LAA	13						
	G»LIQUID AMS	2.50	PMV	13						
8A»	SPARTAN 4L	0.167	LAA	9	0	97	99	99	97	99
	B SENCOR 75WG	0.098	LAA	9						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
9A	PURSUIT +	0.91	LAA	9	0	99	99	99	96	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	WEATHERMAX 4.5	0.75	LAA	11	9	99	99	99	96	99
	B ULTRA BLAZER	0.19	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»WEATHERMAX 4.5	0.75	LAA	13						
	E ULTRA BLAZER	0.31	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
12A»	BUCCANEER PLUS	0.75	LAA	11	0	99	99	99	90	99
	B»ARRAY	9.00	PMG	11						
	C»BUCCANEER PLUS	0.75	LAA	13						
	D»ARRAY	9.00	PMG	13						
LSD (0.05)					1.77	1.00	1.67	0.00	5.22	0.78
STANDARD DEVIATION					0.852	0.485	0.803	0.00	2.52	0.376

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/05/2006(1)
 11 = ----- / EPOST 06/28/2006(2)
 12 = ----- / POST 07/05/2006(3)
 13 = ----- / LPOST 07/21/2006(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/28/2006	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/28/2006	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/28/2006	03	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/28/2006	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/28/2006	05	P	PHBPU	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/28/2006	06	P	XANST	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/15/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/15/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/15/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/15/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU	CON %	07/15/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	07/15/2006	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/28/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/28/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/28/2006	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	07/28/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	CON %	07/28/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	XANST	CON %	07/28/2006	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = A 3005

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED