

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	14	
TYPE	LIQMIX	
APPLICATION DATE	06/30/05	AME
AIR TEMPERATURE	92	F
% REL.HUMIDITY	52	
WIND DIRECTION	SOUTH	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	MOIST/DRY	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/19	
DSR3000RR/STS	14.0/14.0	IN
05/16/2005		
*** PEST ***		
VELVETLEAF	---/18	
	4.00/10.0	IN
WATERHEMP, COMMO	---/19	
	2.00/12.0	IN
RAGWEED, COMMON	---/18	
	4.00/14.0	IN
LAMBSQUARTERS, C	---/19	
	4.00/14.0	IN
MORNINGGLORY, TA	---/19	
	2.00/6.00	IN
SMARTWEED, PENNS	---/19	
	4.00/12.0	IN
FOXTAIL, GIANT	---/17	
	2.00/14.0	IN

* TIMING CODES

14 = ----- / VLPOST

* STAGE CODE

17 = 7 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = 9 OR MORE LEAVES UNFOLDED, 8 OR MORE NODES

TITLE: Postemergence Broadleaf Weed Control in STS / Gyphosate Resistant Soybean
CREATED: 05/01/2005 **REVISED:** 12/05/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	CHEAL	AMATA	AMBEL	POLPY
		RATE	UNIT		CON % 07/11/05	CON % 07/11/05	CON % 07/11/05	CON % 07/11/05	CON % 07/11/05	CON % 07/11/05
1A	WEATHERMAX 4.5	0.75	LAA	14	0	99	86	92	93	83
B	LIQUID AMS	2.50	PMV	14						
2A	HARMONY GT	0.004	LAA	14	0	99	99	98	97	94
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
3A	HARMONY GT	0.008	LAA	14	0	99	99	99	98	96
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
4A	HARMONY GT	0.016	LAA	14	0	99	99	99	98	95
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
5A	CLASSIC 25WG	0.012	LAA	14	0	99	99	99	98	96
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
6A	HARMONY GT	0.016	LAA	14	0	99	99	99	98	97
B	CLASSIC 25WG	0.012	LAA	14						
C	WEATHERMAX 4.5	0.75	LAA	14						
D	LIQUID AMS	2.50	PMV	14						
7A	HARMONY GT	0.0033	LAA	14	0	99	98	99	98	97
B	CLASSIC 25WG	0.01	LAA	14						
C	WEATHERMAX 4.5	0.75	LAA	14						
D	LIQUID AMS	2.50	PMV	14						
8A	HARMONY GT	0.016	LAA	14	0	37	91	30	67	50
B	CLASSIC 25WG	0.012	LAA	14						
C	SELECT (2EC)	0.063	LAA	14						
D	COC	1.00	PMV	14						
E	LIQUID AMS	2.50	PMV	14						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RAPTOR 1SL	0.031	LAA	14	7	99	99	98	99	98
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
12A	BLAZER 2SL	0.188	LAA	14	10	99	99	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
LSD (0.05)					0.747	2.82	4.07	5.00	5.00	5.25
STANDARD DEVIATION					0.36	1.36	2.00	2.40	2.42	2.53

TITLE: Postemergence Broadleaf Weed Control in STS / Gyphosate Resistant Soybean
CREATED: 05/01/2005 **REVISED:** 12/05/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	GLXMA	SETFA	CHEAL	AMATA
		RATE	UNIT		CON % 07/11/05	CON % 07/11/05	CON % 07/29/05	CON % 07/29/05	CON % 07/29/05	CON % 07/29/05
1A	WEATHERMAX 4.5	0.75	LAA	14	89	78	0	99	88	90
B	LIQUID AMS	2.50	PMV	14						
2A	HARMONY GT	0.004	LAA	14	97	91	0	99	98	97
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
3A	HARMONY GT	0.008	LAA	14	98	92	0	99	99	98
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
4A	HARMONY GT	0.016	LAA	14	98	90	0	99	99	98
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
5A	CLASSIC 25WG	0.012	LAA	14	99	90	0	99	99	96
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
6A	HARMONY GT	0.016	LAA	14	99	92	0	99	99	99
B	CLASSIC 25WG	0.012	LAA	14						
C	WEATHERMAX 4.5	0.75	LAA	14						
D	LIQUID AMS	2.50	PMV	14						
7A	HARMONY GT	0.0033	LAA	14	99	91	0	99	96	98
B	CLASSIC 25WG	0.01	LAA	14						
C	WEATHERMAX 4.5	0.75	LAA	14						
D	LIQUID AMS	2.50	PMV	14						
8A	HARMONY GT	0.016	LAA	14	91	57	0	89	88	37
B	CLASSIC 25WG	0.012	LAA	14						
C	SELECT (2EC)	0.063	LAA	14						
D	COC	1.00	PMV	14						
E	LIQUID AMS	2.50	PMV	14						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RAPTOR 1SL	0.031	LAA	14	99	94	6	99	96	94
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
12A	BLAZER 2SL	0.188	LAA	14	99	94	3	99	99	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
		LSD (0.05)			2.81	4.19	2.09	2.00	4.20	3.25
		STANDARD DEVIATION			1.36	2.00	1.00	1.00	2.00	1.57

TITLE: Postemergence Broadleaf Weed Control in STS / Gyphosate Resistant Soybean
CREATED: 05/01/2005 **REVISED:** 12/05/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL CON % 07/29/05	POLPY CON % 07/29/05	ABUTH CON % 07/29/05	PHBPU CON % 07/29/05	GLXMA CON % 08/11/05	SETFA CON % 08/11/05
		RATE	UNIT							
1A	WEATHERMAX 4.5	0.75	LAA	14	91	81	89	60	0	98
B	LIQUID AMS	2.50	PMV	14						
2A	HARMONY GT	0.004	LAA	14	97	97	98	78	0	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
3A	HARMONY GT	0.008	LAA	14	98	98	99	80	0	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
4A	HARMONY GT	0.016	LAA	14	99	99	99	80	0	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
5A	CLASSIC 25WG	0.012	LAA	14	98	99	99	81	0	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
6A	HARMONY GT	0.016	LAA	14	99	99	99	83	0	99
B	CLASSIC 25WG	0.012	LAA	14						
C	WEATHERMAX 4.5	0.75	LAA	14						
D	LIQUID AMS	2.50	PMV	14						
7A	HARMONY GT	0.0033	LAA	14	98	99	99	78	0	98
B	CLASSIC 25WG	0.01	LAA	14						
C	WEATHERMAX 4.5	0.75	LAA	14						
D	LIQUID AMS	2.50	PMV	14						
8A	HARMONY GT	0.016	LAA	14	94	97	99	43	0	87
B	CLASSIC 25WG	0.012	LAA	14						
C	SELECT (2EC)	0.063	LAA	14						
D	COC	1.00	PMV	14						
E	LIQUID AMS	2.50	PMV	14						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	RAPTOR 1SL	0.031	LAA	14	99	99	99	84	11	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
12A	BLAZER 2SL	0.188	LAA	14	99	99	99	84	6	99
B	WEATHERMAX 4.5	0.75	LAA	14						
C	LIQUID AMS	2.50	PMV	14						
LSD (0.05)					2.83	2.85	2.00	10.65	4.11	1.60
STANDARD DEVIATION					1.37	1.38	1.00	5.14	2.00	0.771

TITLE: Postemergence Broadleaf Weed Control in STS / Gyphosate Resistant Soybean
CREATED: 05/01/2005 **REVISED:** 12/05/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 36.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	CHEAL	AMATA	AMBEL	POLPY	ABUTH	PHBPU
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	CON %	CON %
		UNIT	08/11/05	08/11/05	08/11/05	08/11/05	08/11/05	08/11/05
1A	WEATHERMAX 4.5	0.75	LAA 14	93	95	96	95	95
B	LIQUID AMS	2.50	PMV 14					77
2A	HARMONY GT	0.004	LAA 14	98	98	99	99	99
B	WEATHERMAX 4.5	0.75	LAA 14					89
C	LIQUID AMS	2.50	PMV 14					
3A	HARMONY GT	0.008	LAA 14	98	99	99	99	99
B	WEATHERMAX 4.5	0.75	LAA 14					93
C	LIQUID AMS	2.50	PMV 14					
4A	HARMONY GT	0.016	LAA 14	99	99	98	99	99
B	WEATHERMAX 4.5	0.75	LAA 14					96
C	LIQUID AMS	2.50	PMV 14					
5A	CLASSIC 25WG	0.012	LAA 14	98	98	98	99	99
B	WEATHERMAX 4.5	0.75	LAA 14					95
C	LIQUID AMS	2.50	PMV 14					
6A	HARMONY GT	0.016	LAA 14	99	99	99	99	99
B	CLASSIC 25WG	0.012	LAA 14					93
C	WEATHERMAX 4.5	0.75	LAA 14					
D	LIQUID AMS	2.50	PMV 14					
7A	HARMONY GT	0.0033	LAA 14	99	99	99	99	99
B	CLASSIC 25WG	0.01	LAA 14					96
C	WEATHERMAX 4.5	0.75	LAA 14					
D	LIQUID AMS	2.50	PMV 14					
8A	HARMONY GT	0.016	LAA 14	97	68	97	98	99
B	CLASSIC 25WG	0.012	LAA 14					88
C	SELECT (2EC)	0.063	LAA 14					
D	COC	1.00	PMV 14					
E	LIQUID AMS	2.50	PMV 14					
9A	CHECK	0.00	NA 0	0	0	0	0	0
10A	CHECK	0.00	NA 0	0	0	0	0	0
11A	RAPTOR 1SL	0.031	LAA 14	99	98	99	98	99
B	WEATHERMAX 4.5	0.75	LAA 14					95
C	LIQUID AMS	2.50	PMV 14					
12A	BLAZER 2SL	0.188	LAA 14	99	98	99	99	99
B	WEATHERMAX 4.5	0.75	LAA 14					97
C	LIQUID AMS	2.50	PMV 14					
		LSD (0.05)		1.93	4.26	1.65	1.24	1.00
		STANDARD DEVIATION		0.931	2.05	0.797	0.597	0.48
								4.70
								2.26

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 14 = ----- / VLPOST 06/30/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRRT	SS	NOTE
001	GLXMA	CON %	07/11/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/11/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	07/11/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/11/2005	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	07/11/2005	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	07/11/2005	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	07/11/2005	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	PHBPU	CON %	07/11/2005	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Postemergence Broadleaf Weed Control in STS / Glyphosate Resistant Soybean

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
009	GLXMA	CON %	07/29/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	07/29/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	07/29/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	07/29/2005	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBEL	CON %	07/29/2005	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	POLPY	CON %	07/29/2005	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ABUTH	CON %	07/29/2005	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PHBPU	CON %	07/29/2005	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	GLXMA	CON %	08/11/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	08/11/2005	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	08/11/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMATA	CON %	08/11/2005	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMBEL	CON %	08/11/2005	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	POLPY	CON %	08/11/2005	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	ABUTH	CON %	08/11/2005	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	PHBPU	CON %	08/11/2005	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DSR3000RR/STS