

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/21/05	AME
AIR TEMPERATURE	79	F
% REL.HUMIDITY	50	
WIND DIRECTION	WEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
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	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/15	
P93B15 CONV.	8.00/8.00	IN
05/25/2005		

* TIMING CODES

12 = ----- / POST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

TITLE: Glyphosate Contamination on Non-Glyphosate Resistant Soybean
CREATED: 06/15/2005 **REVISED:** 11/30/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT		DOSAGE			GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
NUM	COMPONENT		RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
						06/24/05	06/28/05	07/05/05	07/12/05	07/19/05	07/26/05
1A»	WEATHERMAX	4.5	0.25	LAA	12	43	67	73	67	67	58
B»	LIQUID AMS		0.83	PMV	12						
2A»	WEATHERMAX	4.5	0.125	LAA	12	25	40	45	35	33	23
B»	LIQUID AMS		0.42	PMV	12						
3A»	WEATHERMAX	4.5	0.075	LAA	12	7	18	18	12	12	7
B»	LIQUID AMS		0.25	PMV	12						
4A»	WEATHERMAX	4.5	0.03	LAA	12	0	3	2	1	2	0
B»	LIQUID AMS		0.10	PMV	12						
5A»	WEATHERMAX	4.5	0.015	LAA	12	0	0	0	0	0	0
B»	LIQUID AMS		0.05	PMV	12						
6A»	WEATHERMAX	4.5	0.0075	LAA	12	0	0	0	0	0	0
B»	LIQUID AMS		0.025	PMV	12						
7A»	WEATHERMAX	4.5	0.25	LAA	12	47	68	79	73	65	53
B»	LIQUID AMS		0.83	PMV	12						
C	RAPTOR 1SL		0.031	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
8A»	WEATHERMAX	4.5	0.125	LAA	12	32	45	53	40	32	23
B»	LIQUID AMS		0.42	PMV	12						
C	RAPTOR 1SL		0.031	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
9A»	WEATHERMAX	4.5	0.075	LAA	12	23	38	42	33	23	17
B»	LIQUID AMS		0.25	PMV	12						
C	RAPTOR 1SL		0.031	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
10A»	WEATHERMAX	4.5	0.03	LAA	12	13	20	18	8	5	1
B»	LIQUID AMS		0.10	PMV	12						
C	RAPTOR 1SL		0.031	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
11A»	WEATHERMAX	4.5	0.015	LAA	12	8	17	12	4	3	1
B»	LIQUID AMS		0.05	PMV	12						
C	RAPTOR 1SL		0.031	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
12A»	WEATHERMAX	4.5	0.0075	LAA	12	8	13	8	3	1	0
B»	LIQUID AMS		0.025	PMV	12						
C	RAPTOR 1SL		0.031	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
13A»	WEATHERMAX	4.5	0.25	LAA	12	55	72	83	83	81	68
B»	LIQUID AMS		0.83	PMV	12						
C	FLEXSTAR 1.88		0.176	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
14A»	WEATHERMAX	4.5	0.125	LAA	12	37	52	60	57	62	47
B»	LIQUID AMS		0.42	PMV	12						
C	FLEXSTAR 1.88		0.176	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						
15A»	WEATHERMAX	4.5	0.075	LAA	12	33	43	52	32	25	14
B»	LIQUID AMS		0.25	PMV	12						
C	FLEXSTAR 1.88		0.176	LAA	12						
D»	MSO		1.00	PMV	12						
E	28% UAN		2.50	PMV	12						

TITLE: Glyphosate Contamination on Non-Glyphosate Resistant Soybean

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/24/05	GLXMA CON % 06/28/05	GLXMA CON % 07/05/05	GLXMA CON % 07/12/05	GLXMA CON % 07/19/05	GLXMA CON % 07/26/05
16A»	WEATHERMAX 4.5	0.03	LAA	12	23	23	17	7	4	2
	B»LIQUID AMS	0.10	PMV	12						
	C FLEXSTAR 1.88	0.176	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A»	WEATHERMAX 4.5	0.015	LAA	12	18	12	5	1	1	0
	B»LIQUID AMS	0.05	PMV	12						
	C FLEXSTAR 1.88	0.176	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
18A»	WEATHERMAX 4.5	0.0075	LAA	12	22	15	5	1	1	0
	B»LIQUID AMS	0.025	PMV	12						
	C FLEXSTAR 1.88	0.176	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
19A»	WEATHERMAX 4.5	0.25	LAA	12	55	63	73	67	57	48
	B»LIQUID AMS	0.83	PMV	12						
	C RAPTOR 1SL	0.031	LAA	12						
	D FLEXSTAR 1.88	0.176	LAA	12						
	E»MSO	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
20A»	WEATHERMAX 4.5	0.125	LAA	12	48	53	62	52	45	35
	B»LIQUID AMS	0.42	PMV	12						
	C RAPTOR 1SL	0.031	LAA	12						
	D FLEXSTAR 1.88	0.176	LAA	12						
	E»MSO	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
21A»	WEATHERMAX 4.5	0.075	LAA	12	38	32	30	18	13	8
	B»LIQUID AMS	0.25	PMV	12						
	C RAPTOR 1SL	0.031	LAA	12						
	D FLEXSTAR 1.88	0.176	LAA	12						
	E»MSO	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
22A»	WEATHERMAX 4.5	0.03	LAA	12	28	27	20	13	7	5
	B»LIQUID AMS	0.10	PMV	12						
	C RAPTOR 1SL	0.031	LAA	12						
	D FLEXSTAR 1.88	0.176	LAA	12						
	E»MSO	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
23A»	WEATHERMAX 4.5	0.015	LAA	12	20	22	15	7	4	4
	B»LIQUID AMS	0.05	PMV	12						
	C RAPTOR 1SL	0.031	LAA	12						
	D FLEXSTAR 1.88	0.176	LAA	12						
	E»MSO	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
24A»	WEATHERMAX 4.5	0.0075	LAA	12	25	17	8	4	2	1
	B»LIQUID AMS	0.025	PMV	12						
	C RAPTOR 1SL	0.031	LAA	12						
	D FLEXSTAR 1.88	0.176	LAA	12						
	E»MSO	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
25A	RAPTOR 1SL	0.031	LAA	12	23	18	12	2	0	0
	B FLEXSTAR 1.88	0.176	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
26A	CALLISTO 4SC	0.0235	LAA	12	65	86	84	75	65	50
	B ATRAZINE DF	0.125	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
27A»	IMPACT 2.8SC	0.004	LAA	12	65	84	96	95	90	83
	B ATRAZINE DF	0.125	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						

TITLE: Glyphosate Contamination on Non-Glyphosate Resistant Soybean

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA CON %	GLXMA CON %	GLXMA CON %	GLXMA CON %	GLXMA CON %	GLXMA CON %
		RATE	UNIT	TM	06/24/05	06/28/05	07/05/05	07/12/05	07/19/05	07/26/05
28A	WEED FREE	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			6.55	6.80	7.00	5.00	5.56	5.41
		STANDARD DEVIATION			3.27	3.40	3.51	2.50	2.78	2.71

TITLE: Glyphosate Contamination on Non-Glyphosate Resistant Soybean
CREATED: 06/15/2005 **REVISED:** 11/30/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT		DOSAGE		GLXMA	GLXMA	GLXMA	YIELD
NUM	COMPONENT		RATE	UNIT	CON %	CON %	CON %	BU/A%
		TM			08/02/05	08/09/05	08/23/05	10/13/05
1A»	WEATHERMAX 4.5		0.25	LAA 12	50	42	23	43.1
B»	LIQUID AMS		0.83	PMV 12				
2A»	WEATHERMAX 4.5		0.125	LAA 12	20	8	4	46.7
B»	LIQUID AMS		0.42	PMV 12				
3A»	WEATHERMAX 4.5		0.075	LAA 12	5	1	0	54.8
B»	LIQUID AMS		0.25	PMV 12				
4A»	WEATHERMAX 4.5		0.03	LAA 12	0	0	0	55.6
B»	LIQUID AMS		0.10	PMV 12				
5A»	WEATHERMAX 4.5		0.015	LAA 12	0	0	0	57.6
B»	LIQUID AMS		0.05	PMV 12				
6A»	WEATHERMAX 4.5		0.0075	LAA 12	0	0	0	56.5
B»	LIQUID AMS		0.025	PMV 12				
7A»	WEATHERMAX 4.5		0.25	LAA 12	52	45	25	39.9
B»	LIQUID AMS		0.83	PMV 12				
C	RAPTOR 1SL		0.031	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
8A»	WEATHERMAX 4.5		0.125	LAA 12	16	10	6	50.2
B»	LIQUID AMS		0.42	PMV 12				
C	RAPTOR 1SL		0.031	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
9A»	WEATHERMAX 4.5		0.075	LAA 12	13	9	2	51.0
B»	LIQUID AMS		0.25	PMV 12				
C	RAPTOR 1SL		0.031	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
10A»	WEATHERMAX 4.5		0.03	LAA 12	1	0	0	55.3
B»	LIQUID AMS		0.10	PMV 12				
C	RAPTOR 1SL		0.031	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
11A»	WEATHERMAX 4.5		0.015	LAA 12	1	0	0	55.6
B»	LIQUID AMS		0.05	PMV 12				
C	RAPTOR 1SL		0.031	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
12A»	WEATHERMAX 4.5		0.0075	LAA 12	0	0	0	53.7
B»	LIQUID AMS		0.025	PMV 12				
C	RAPTOR 1SL		0.031	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
13A»	WEATHERMAX 4.5		0.25	LAA 12	60	53	37	36.7
B»	LIQUID AMS		0.83	PMV 12				
C	FLEXSTAR 1.88		0.176	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
14A»	WEATHERMAX 4.5		0.125	LAA 12	40	27	21	43.7
B»	LIQUID AMS		0.42	PMV 12				
C	FLEXSTAR 1.88		0.176	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				
15A»	WEATHERMAX 4.5		0.075	LAA 12	13	10	5	48.8
B»	LIQUID AMS		0.25	PMV 12				
C	FLEXSTAR 1.88		0.176	LAA 12				
D»	MISO		1.00	PMV 12				
E	28% UAN		2.50	PMV 12				

TITLE: Glyphosate Contamination on Non-Glyphosate Resistant Soybean

TRT	TREATMENT	DOSAGE	GLXMA	GLXMA	GLXMA	YIELD		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	BU/A%
					08/02/05	08/09/05	08/23/05	10/13/05
16A»	WEATHERMAX 4.5	0.03	LAA	12	1	1	0	53.4
	B»LIQUID AMS	0.10	PMV	12				
	C FLEXSTAR 1.88	0.176	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
17A»	WEATHERMAX 4.5	0.015	LAA	12	0	0	0	56.6
	B»LIQUID AMS	0.05	PMV	12				
	C FLEXSTAR 1.88	0.176	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
18A»	WEATHERMAX 4.5	0.0075	LAA	12	0	0	0	56.4
	B»LIQUID AMS	0.025	PMV	12				
	C FLEXSTAR 1.88	0.176	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
19A»	WEATHERMAX 4.5	0.25	LAA	12	43	32	21	43.2
	B»LIQUID AMS	0.83	PMV	12				
	C RAPTOR 1SL	0.031	LAA	12				
	D FLEXSTAR 1.88	0.176	LAA	12				
	E»MSO	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
20A»	WEATHERMAX 4.5	0.125	LAA	12	33	21	18	45.5
	B»LIQUID AMS	0.42	PMV	12				
	C RAPTOR 1SL	0.031	LAA	12				
	D FLEXSTAR 1.88	0.176	LAA	12				
	E»MSO	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
21A»	WEATHERMAX 4.5	0.075	LAA	12	7	3	2	51.7
	B»LIQUID AMS	0.25	PMV	12				
	C RAPTOR 1SL	0.031	LAA	12				
	D FLEXSTAR 1.88	0.176	LAA	12				
	E»MSO	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
22A»	WEATHERMAX 4.5	0.03	LAA	12	4	2	0	54.7
	B»LIQUID AMS	0.10	PMV	12				
	C RAPTOR 1SL	0.031	LAA	12				
	D FLEXSTAR 1.88	0.176	LAA	12				
	E»MSO	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
23A»	WEATHERMAX 4.5	0.015	LAA	12	1	0	0	55.1
	B»LIQUID AMS	0.05	PMV	12				
	C RAPTOR 1SL	0.031	LAA	12				
	D FLEXSTAR 1.88	0.176	LAA	12				
	E»MSO	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
24A»	WEATHERMAX 4.5	0.0075	LAA	12	0	0	0	58.6
	B»LIQUID AMS	0.025	PMV	12				
	C RAPTOR 1SL	0.031	LAA	12				
	D FLEXSTAR 1.88	0.176	LAA	12				
	E»MSO	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
25A	RAPTOR 1SL	0.031	LAA	12	0	0	0	58.0
	B FLEXSTAR 1.88	0.176	LAA	12				
	C»MSO	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
26A	CALLISTO 4SC	0.0235	LAA	12	45	35	20	45.2
	B ATRAZINE DF	0.125	LAA	12				
	C»COC	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
27A»	IMPACT 2.8SC	0.004	LAA	12	75	70	57	29.7
	B ATRAZINE DF	0.125	LAA	12				
	C»MSO	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				

TITLE: Glyphosate Contamination on Non-Glyphosate Resistant Soybean

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 08/02/05	GLXMA CON % 08/09/05	GLXMA CON % 08/23/05	YIELD BU/A% 10/13/05
28A»WEED FREE	0.00	NA	0	0	0	0	55.7
	LSD (0.05)			4.67	4.56	3.17	4.20
	STANDARD DEVIATION			2.34	2.28	1.58	2.10

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 06/21/2005(1)

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 %	06/24/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/28/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/05/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/12/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/19/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/26/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	08/02/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	08/09/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	GLXMA	CON %	08/23/2005	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	YIELD	BU/A%	10/13/2005	01	P	GLXMA		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = P93B15 CONV.