

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
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	06/30/07	AME
AIR TEMPERATURE	68	F
% REL.HUMIDITY	77	
WIND DIRECTION	EAST	
WIND SPEED	3.0	M/H
CLOUD COVER	OVERCAST	
DEW	YES	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	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	---/17	
PIONEER 93B15	14.0/14.0	IN
05/15/2007		

*** TIMING CODES**

13 = ----- / LPOST

*** STAGE CODE**

17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES

TITLE: Glyphosate Contamination on Conventional Soybean SOYFACE
CREATED: 06/26/2007 **REVISED:** 10/24/2007 **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
PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT		DOSAGE		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
NUM	COMPONENT		RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
					07/04/07	07/10/07	07/20/07	07/30/07	08/09/07	08/19/07
1A»	WEATHERMAX 4.5		0.25	LAA 13	35	79	81	81	77	66
B»	LIQUID AMS		0.83	PMV 13						
2A»	WEATHERMAX 4.5		0.125	LAA 13	23	48	50	45	38	17
B»	LIQUID AMS		0.42	PMV 13						
3A»	WEATHERMAX 4.5		0.075	LAA 13	13	23	23	22	14	3
B»	LIQUID AMS		0.25	PMV 13						
4A»	WEATHERMAX 4.5		0.03	LAA 13	4	6	5	2	0	0
B»	LIQUID AMS		0.10	PMV 13						
5A»	WEATHERMAX 4.5		0.25	LAA 13	52	72	73	73	68	58
B»	LIQUID AMS		0.83	PMV 13						
C	RAPTOR 1SL		0.031	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
6A»	WEATHERMAX 4.5		0.125	LAA 13	28	58	61	53	47	28
B»	LIQUID AMS		0.42	PMV 13						
C	RAPTOR 1SL		0.031	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
7A»	WEATHERMAX 4.5		0.075	LAA 13	22	50	50	39	31	18
B»	LIQUID AMS		0.25	PMV 13						
C	RAPTOR 1SL		0.031	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
8A»	WEATHERMAX 4.5		0.03	LAA 13	16	38	34	24	19	8
B»	LIQUID AMS		0.10	PMV 13						
C	RAPTOR 1SL		0.031	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
9A»	WEATHERMAX 4.5		0.25	LAA 13	42	63	61	53	45	30
B»	LIQUID AMS		0.83	PMV 13						
C	FLEXSTAR 1.88		0.176	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
10A»	WEATHERMAX 4.5		0.125	LAA 13	36	65	59	48	37	23
B»	LIQUID AMS		0.42	PMV 13						
C	FLEXSTAR 1.88		0.176	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
11A»	WEATHERMAX 4.5		0.075	LAA 13	28	55	50	39	31	13
B»	LIQUID AMS		0.25	PMV 13						
C	FLEXSTAR 1.88		0.176	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
12A»	WEATHERMAX 4.5		0.03	LAA 13	25	43	37	27	18	5
B»	LIQUID AMS		0.10	PMV 13						
C	FLEXSTAR 1.88		0.176	LAA 13						
D»	MSO		1.00	PMV 13						
E	28% UAN		2.50	PMV 13						
13A»	WEATHERMAX 4.5		0.25	LAA 13	57	81	80	76	68	56
B»	LIQUID AMS		0.83	PMV 13						
C	RAPTOR 1SL		0.031	LAA 13						
D	FLEXSTAR 1.88		0.176	LAA 13						
E»	MSO		1.00	PMV 13						
F	28% UAN		2.50	PMV 13						

TRT	TREATMENT		DOSAGE		GLXMA	GLXMA	GLXMA	GLXMA	GLXMA	GLXMA
NUM	COMPONENT		RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
				TM	07/04/07	07/10/07	07/20/07	07/30/07	08/09/07	08/19/07
14A»	WEATHERMAX 4.5		0.125	LAA 13	37	65	58	46	40	22
	B»LIQUID AMS		0.42	PMV 13						
	C RAPTOR 1SL		0.031	LAA 13						
	D FLEXSTAR 1.88		0.176	LAA 13						
	E»MSO		1.00	PMV 13						
	F 28% UAN		2.50	PMV 13						
15A»	WEATHERMAX 4.5		0.075	LAA 13	29	57	45	33	27	13
	B»LIQUID AMS		0.25	PMV 13						
	C RAPTOR 1SL		0.031	LAA 13						
	D FLEXSTAR 1.88		0.176	LAA 13						
	E»MSO		1.00	PMV 13						
	F 28% UAN		2.50	PMV 13						
16A»	WEATHERMAX 4.5		0.03	LAA 13	27	45	38	26	20	8
	B»LIQUID AMS		0.10	PMV 13						
	C RAPTOR 1SL		0.031	LAA 13						
	D FLEXSTAR 1.88		0.176	LAA 13						
	E»MSO		1.00	PMV 13						
	F 28% UAN		2.50	PMV 13						
17A»	WEATHERMAX 4.5		0.015	LAA 13	21	26	21	15	9	1
	B»LIQUID AMS		0.05	PMV 13						
	C RAPTOR 1SL		0.031	LAA 13						
	D FLEXSTAR 1.88		0.176	LAA 13						
	E»MSO		1.00	PMV 13						
	F 28% UAN		2.50	PMV 13						
18A	RAPTOR 1SL		0.031	LAA 13	17	14	11	5	2	0
	B FLEXSTAR 1.88		0.176	LAA 13						
	C»MSO		1.00	PMV 13						
	D 28% UAN		2.50	PMV 13						
19A»	WEATHERMAX 4.5		0.125	LAA 13	26	53	64	67	57	38
	B CLARITY		0.0005	LAA 13						
	C»LIQUID AMS		0.42	PMV 13						
20A»	WEATHERMAX 4.5		0.25	LAA 13	47	75	79	86	81	71
	B CLARITY		0.005	LAA 13						
	C»LIQUID AMS		0.42	PMV 13						
21A	CLARITY		0.0005	LAA 13	0	7	19	22	19	9
22A	CLARITY		0.005	LAA 13	4	19	36	56	52	44
23A	CALLISTO 4SC		0.0235	LAA 13	30	67	61	52	40	22
	B ATRAZINE DF		0.125	LAA 13						
	C»COC		1.00	PMV 13						
	D 28% UAN		2.50	PMV 13						
24A»	WEED FREE		0.00	NA 13	0	0	0	0	0	0
			LSD (0.05)		8.82	9.30	8.68	10.07	9.75	8.77
			STANDARD DEVIATION		4.41	4.65	4.34	5.00	4.87	4.39

TITLE: Glyphosate Contamination on Conventional Soybean SOYFACE
CREATED: 06/26/2007 **REVISED:** 10/24/2007 **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
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/08/07
		RATE	UNIT TM	
1A»	WEATHERMAX 4.5	0.25	LAA 13	24.0
B»	LIQUID AMS	0.83	PMV 13	
2A»	WEATHERMAX 4.5	0.125	LAA 13	36.8
B»	LIQUID AMS	0.42	PMV 13	
3A»	WEATHERMAX 4.5	0.075	LAA 13	42.7
B»	LIQUID AMS	0.25	PMV 13	
4A»	WEATHERMAX 4.5	0.03	LAA 13	49.4
B»	LIQUID AMS	0.10	PMV 13	
5A»	WEATHERMAX 4.5	0.25	LAA 13	27.9
B»	LIQUID AMS	0.83	PMV 13	
C	RAPTOR 1SL	0.031	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
6A»	WEATHERMAX 4.5	0.125	LAA 13	33.8
B»	LIQUID AMS	0.42	PMV 13	
C	RAPTOR 1SL	0.031	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
7A»	WEATHERMAX 4.5	0.075	LAA 13	38.7
B»	LIQUID AMS	0.25	PMV 13	
C	RAPTOR 1SL	0.031	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
8A»	WEATHERMAX 4.5	0.03	LAA 13	42.1
B»	LIQUID AMS	0.10	PMV 13	
C	RAPTOR 1SL	0.031	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
9A»	WEATHERMAX 4.5	0.25	LAA 13	32.0
B»	LIQUID AMS	0.83	PMV 13	
C	FLEXSTAR 1.88	0.176	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
10A»	WEATHERMAX 4.5	0.125	LAA 13	38.6
B»	LIQUID AMS	0.42	PMV 13	
C	FLEXSTAR 1.88	0.176	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
11A»	WEATHERMAX 4.5	0.075	LAA 13	41.5
B»	LIQUID AMS	0.25	PMV 13	
C	FLEXSTAR 1.88	0.176	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
12A»	WEATHERMAX 4.5	0.03	LAA 13	43.0
B»	LIQUID AMS	0.10	PMV 13	
C	FLEXSTAR 1.88	0.176	LAA 13	
D»	MSO	1.00	PMV 13	
E	28% UAN	2.50	PMV 13	
13A»	WEATHERMAX 4.5	0.25	LAA 13	28.2
B»	LIQUID AMS	0.83	PMV 13	
C	RAPTOR 1SL	0.031	LAA 13	
D	FLEXSTAR 1.88	0.176	LAA 13	
E»	MSO	1.00	PMV 13	
F	28% UAN	2.50	PMV 13	

TITLE: Glyphosate Contamination on Conventional Soybean SOYFACE

TRT	TREATMENT	DOSAGE	YIELD	
NUM	COMPONENT	RATE	UNIT	TM
			BU/A	10/08/07
14A»	WEATHERMAX 4.5	0.125	LAA 13	40.6
	B»LIQUID AMS	0.42	PMV 13	
	C RAPTOR 1SL	0.031	LAA 13	
	D FLEXSTAR 1.88	0.176	LAA 13	
	E»MSO	1.00	PMV 13	
	F 28% UAN	2.50	PMV 13	
15A»	WEATHERMAX 4.5	0.075	LAA 13	41.8
	B»LIQUID AMS	0.25	PMV 13	
	C RAPTOR 1SL	0.031	LAA 13	
	D FLEXSTAR 1.88	0.176	LAA 13	
	E»MSO	1.00	PMV 13	
	F 28% UAN	2.50	PMV 13	
16A»	WEATHERMAX 4.5	0.03	LAA 13	42.7
	B»LIQUID AMS	0.10	PMV 13	
	C RAPTOR 1SL	0.031	LAA 13	
	D FLEXSTAR 1.88	0.176	LAA 13	
	E»MSO	1.00	PMV 13	
	F 28% UAN	2.50	PMV 13	
17A»	WEATHERMAX 4.5	0.015	LAA 13	44.6
	B»LIQUID AMS	0.05	PMV 13	
	C RAPTOR 1SL	0.031	LAA 13	
	D FLEXSTAR 1.88	0.176	LAA 13	
	E»MSO	1.00	PMV 13	
	F 28% UAN	2.50	PMV 13	
18A	RAPTOR 1SL	0.031	LAA 13	44.9
	B FLEXSTAR 1.88	0.176	LAA 13	
	C»MSO	1.00	PMV 13	
	D 28% UAN	2.50	PMV 13	
19A»	WEATHERMAX 4.5	0.125	LAA 13	35.7
	B CLARITY	0.0005	LAA 13	
	C»LIQUID AMS	0.42	PMV 13	
20A»	WEATHERMAX 4.5	0.25	LAA 13	25.3
	B CLARITY	0.005	LAA 13	
	C»LIQUID AMS	0.42	PMV 13	
21A	CLARITY	0.0005	LAA 13	52.2
22A	CLARITY	0.005	LAA 13	44.0
23A	CALLISTO 4SC	0.0235	LAA 13	42.2
	B ATRAZINE DF	0.125	LAA 13	
	C»COC	1.00	PMV 13	
	D 28% UAN	2.50	PMV 13	
24A»	WEED FREE	0.00	NA 13	51.5
		LSD (0.05)		4.27
		STANDARD DEVIATION		2.13

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

13 = ----- / LPOST 06/30/2007(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 %	07/04/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/10/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/20/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/30/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/09/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	08/19/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	YIELD	BU/A	10/08/2007	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = PIONEER 93B15