

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET
 PLOT AREA: 250 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	11	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	07/09/08	07/15/08	AME
AIR TEMPERATURE	79	90	F
% REL.HUMIDITY	73	35	
WIND DIRECTION	NORTH	SOUTHWEST	
WIND SPEED	4.0	2.0	M/H
CLOUD COVER	OVERCAST	CLEAR	
DEW	YES	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN	---/14	---/15	
ASGROW 3901RR	5.00/5.00	8.00/8.00	IN
06/18/2008			
*** PEST ***			
WATERHEMP, COMMO	---/18	---/19	
	1.00/5.00	2.00/8.00	IN

*** TIMING CODES**

11 = ----- / EPOST
 12 = ----- / POST

*** STAGE CODE**

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate Rate and Timing on Glyphosate-Resistant Waterhemp
CREATED: 04/26/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: GR Site South **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 25.00 FT LONG
PLOT AREA: 250.00 SFT

REPS: 03

TRT	TREATMENT		DOSAGE		GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT		RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
					07/15/08	07/15/08	07/22/08	07/22/08	07/28/08	07/28/08
1A»	WEATHERMAX 4.5	0.77	LAA 11		0	30	0	23	0	22
B»	LIQUID AMS	2.50	PMV 11							
2A»	WEATHERMAX 4.5	1.54	LAA 11		0	43	0	30	0	42
B»	LIQUID AMS	2.50	PMV 11							
3A»	WEATHERMAX 4.5	2.31	LAA 11		4	73	0	73	0	67
B»	LIQUID AMS	2.50	PMV 11							
4A»	WEATHERMAX 4.5	3.08	LAA 11		12	80	0	80	0	77
B»	LIQUID AMS	2.50	PMV 11							
5A»	WEATHERMAX 4.5	3.85	LAA 11		17	90	1	85	1	77
B»	LIQUID AMS	2.50	PMV 11							
6A»	WEATHERMAX 4.5	4.62	LAA 11		23	93	1	90	3	78
B»	LIQUID AMS	2.50	PMV 11							
7A»	WEATHERMAX 4.5	5.39	LAA 11		30	92	1	93	4	78
B»	LIQUID AMS	2.50	PMV 11							
8A»	WEATHERMAX 4.5	6.16	LAA 11		32	95	3	95	4	87
B»	LIQUID AMS	2.50	PMV 11							
9A	CHECK	0.00	NA 11		0	0	0	0	0	0
10A»	WEATHERMAX 4.5	0.77	LAA 12		C	C	0	22	0	27
B»	LIQUID AMS	2.50	PMV 12							
11A»	WEATHERMAX 4.5	1.54	LAA 12		C	C	0	37	0	33
B»	LIQUID AMS	2.50	PMV 12							
12A»	WEATHERMAX 4.5	2.31	LAA 12		C	C	1	62	0	42
B»	LIQUID AMS	2.50	PMV 12							
13A»	WEATHERMAX 4.5	3.08	LAA 12		C	C	4	63	1	57
B»	LIQUID AMS	2.50	PMV 12							
14A»	WEATHERMAX 4.5	3.85	LAA 12		C	C	8	77	1	73
B»	LIQUID AMS	2.50	PMV 12							
15A»	WEATHERMAX 4.5	4.62	LAA 12		C	C	13	82	3	82
B»	LIQUID AMS	2.50	PMV 12							
16A»	WEATHERMAX 4.5	5.39	LAA 12		C	C	15	83	7	87
B»	LIQUID AMS	2.50	PMV 12							
17A»	WEATHERMAX 4.5	6.16	LAA 12		C	C	23	88	22	90
B»	LIQUID AMS	2.50	PMV 12							
18A»	WEATHERMAX 4.5	12.32	LAA 12		C	C	42	96	33	96
B»	LIQUID AMS	2.50	PMV 12							
LSD (0.05)					3.07	5.12	2.62	5.52	2.29	7.34
STANDARD DEVIATION					1.52	2.53	1.30	2.73	1.13	3.63

TITLE: Glyphosate Rate and Timing on Glyphosate-Resistant Waterhemp
CREATED: 04/26/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: GR Site South **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 25.00 FT LONG
PLOT AREA: 250.00 SFT

REPS: 03

TRT	TREATMENT		DOSAGE		GLXMA	AMATA
NUM	COMPONENT		RATE	UNIT TM	CON %	CON %
					08/05/08	08/05/08
1A»	WEATHERMAX 4.5	0.77	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
2A»	WEATHERMAX 4.5	1.54	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
3A»	WEATHERMAX 4.5	2.31	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
4A»	WEATHERMAX 4.5	3.08	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
5A»	WEATHERMAX 4.5	3.85	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
6A»	WEATHERMAX 4.5	4.62	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
7A»	WEATHERMAX 4.5	5.39	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
8A»	WEATHERMAX 4.5	6.16	LAA 11	C	C	
B»	LIQUID AMS	2.50	PMV 11			
9A	CHECK	0.00	NA 11	0	0	
10A»	WEATHERMAX 4.5	0.77	LAA 12	0	30	
B»	LIQUID AMS	2.50	PMV 12			
11A»	WEATHERMAX 4.5	1.54	LAA 12	0	32	
B»	LIQUID AMS	2.50	PMV 12			
12A»	WEATHERMAX 4.5	2.31	LAA 12	0	43	
B»	LIQUID AMS	2.50	PMV 12			
13A»	WEATHERMAX 4.5	3.08	LAA 12	0	57	
B»	LIQUID AMS	2.50	PMV 12			
14A»	WEATHERMAX 4.5	3.85	LAA 12	0	67	
B»	LIQUID AMS	2.50	PMV 12			
15A»	WEATHERMAX 4.5	4.62	LAA 12	0	75	
B»	LIQUID AMS	2.50	PMV 12			
16A»	WEATHERMAX 4.5	5.39	LAA 12	3	85	
B»	LIQUID AMS	2.50	PMV 12			
17A»	WEATHERMAX 4.5	6.16	LAA 12	17	88	
B»	LIQUID AMS	2.50	PMV 12			
18A»	WEATHERMAX 4.5	12.32	LAA 12	23	96	
B»	LIQUID AMS	2.50	PMV 12			
LSD (0.05)					2.63	6.12
STANDARD DEVIATION					1.30	3.00

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

11 = ----- / EPOST 07/09/2008(1)

12 = ----- / POST 07/15/2008(2)

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 %	07/15/2008	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Glyphosate Rate and Timing on Glyphosate-Resistant Waterhemp

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
002	AMATA	CON %	07/15/2008	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/22/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/22/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/28/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	08/05/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	08/05/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3901RR

* STAGE CODE

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

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED