

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	LIQMI	LIQMI	
APPLICATION DATE	06/18/09	06/24/09	AME
AIR TEMPERATURE	80	93	F
% REL.HUMIDITY	63	70	
WIND DIRECTION	SOUTH	---	
WIND SPEED	12.0	0.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	
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	
SPRAY VOLUME UNIT	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 ***			
CORN, DENT	---/12	---/13	
VARIETIES	6.00/6.00	10.0/10.0	IN
05/22/2009			
*** PEST ***			
WATERHEMP, COMMO	---/19	---/19	
	1.00/8.00	2.00/12.0	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate Rate and Timing on Glyphosate-Resistant Waterhemp
CREATED: 05/14/2009 **REVISED:** 08/25/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Gly Res WH - 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	AMATA	AMATA	AMATA
NUM	COMPONENT	RATE	UNIT	CON %	CON %
			TM	06/24/09	07/02/09
					07/09/09
1A»	WEATHERMAX 4.5	0.77	LAA 11	32	40
B»	LIQUID AMS	2.50	PMV 11		C
2A»	WEATHERMAX 4.5	1.54	LAA 11	37	48
B»	LIQUID AMS	2.50	PMV 11		C
3A»	WEATHERMAX 4.5	2.31	LAA 11	53	52
B»	LIQUID AMS	2.50	PMV 11		C
4A»	WEATHERMAX 4.5	3.08	LAA 11	75	77
B»	LIQUID AMS	2.50	PMV 11		C
5A»	WEATHERMAX 4.5	3.85	LAA 11	78	77
B»	LIQUID AMS	2.50	PMV 11		C
6A»	WEATHERMAX 4.5	4.62	LAA 11	80	80
B»	LIQUID AMS	2.50	PMV 11		C
7A»	WEATHERMAX 4.5	5.39	LAA 11	90	92
B»	LIQUID AMS	2.50	PMV 11		C
8A»	WEATHERMAX 4.5	6.16	LAA 11	95	93
B»	LIQUID AMS	2.50	PMV 11		C
9A	CHECK	0.00	NA 0	0	0
10A»	WEATHERMAX 4.5	0.77	LAA 12	C	30
B»	LIQUID AMS	2.50	PMV 12		32
11A»	WEATHERMAX 4.5	1.54	LAA 12	C	37
B»	LIQUID AMS	2.50	PMV 12		63
12A»	WEATHERMAX 4.5	2.31	LAA 12	C	42
B»	LIQUID AMS	2.50	PMV 12		62
13A»	WEATHERMAX 4.5	3.08	LAA 12	C	70
B»	LIQUID AMS	2.50	PMV 12		87
14A»	WEATHERMAX 4.5	3.85	LAA 12	C	75
B»	LIQUID AMS	2.50	PMV 12		90
15A»	WEATHERMAX 4.5	4.62	LAA 12	C	77
B»	LIQUID AMS	2.50	PMV 12		93
16A»	WEATHERMAX 4.5	5.39	LAA 12	C	85
B»	LIQUID AMS	2.50	PMV 12		93
17A»	WEATHERMAX 4.5	6.16	LAA 12	C	87
B»	LIQUID AMS	2.50	PMV 12		96
18A»	WEATHERMAX 4.5	12.32	LAA 12	C	90
B»	LIQUID AMS	2.50	PMV 12		98
LSD (0.05)				5.54	5.27
STANDARD DEVIATION				2.74	2.61
				3.58	1.77

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
 11 = ----- / EPOST 06/18/2009(1)
 12 = ----- / POST 06/24/2009(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	AMATA	CON %	06/24/2009	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
002	AMATA	CON %	07/02/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/09/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* STAGE CODE

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