

SOIL INFORMATIONTRIAL INFORMATION

TEXTURE: SIL
 PH:
 %OM: 0.0
 PREV.CROP: NA - NONE
 %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	06/04/07	06/11/07	AME
AIR TEMPERATURE	72	80	F
% REL.HUMIDITY	58	40	
WIND DIRECTION	WEST	EAST	
WIND SPEED	8.0	5.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	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 3802	4.00/8.00	8.00/10.0	IN
05/10/2007			
*** PEST ***			
WATERHEMP, COMMO	---/19	---/19	
	1.00/6.00	1.00/14.0	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
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate Rate and Timing on Glyphosate-Resistant Waterhemp
CREATED: 12/05/2007 **REVISED:** 12/05/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Resistant Site **RESEARCHED BY:**
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 TM	CON %	CON %	CON %
					06/11/07	06/18/07	06/25/07
1A»	WEATHERMAX 4.5	0.77	LAA 11	30	43	33	
B»	LIQUID AMS	2.50	PMV 11				
2A»	WEATHERMAX 4.5	1.54	LAA 11	40	47	50	
B»	LIQUID AMS	2.50	PMV 11				
3A»	WEATHERMAX 4.5	2.31	LAA 11	67	57	63	
B»	LIQUID AMS	2.50	PMV 11				
4A»	WEATHERMAX 4.5	3.08	LAA 11	78	82	80	
B»	LIQUID AMS	2.50	PMV 11				
5A»	WEATHERMAX 4.5	3.85	LAA 11	80	80	82	
B»	LIQUID AMS	2.50	PMV 11				
6A»	WEATHERMAX 4.5	4.62	LAA 11	93	92	93	
B»	LIQUID AMS	2.50	PMV 11				
7A»	WEATHERMAX 4.5	5.39	LAA 11	95	93	93	
B»	LIQUID AMS	2.50	PMV 11				
8A»	WEATHERMAX 4.5	6.16	LAA 11	96	95	95	
B»	LIQUID AMS	2.50	PMV 11				
9A	CHECK	0.00	NA 11	0	0	0	
10A»	WEATHERMAX 4.5	0.77	LAA 12	40	42	40	
B»	LIQUID AMS	2.50	PMV 12				
11A»	WEATHERMAX 4.5	1.54	LAA 12	40	48	47	
B»	LIQUID AMS	2.50	PMV 12				
12A»	WEATHERMAX 4.5	2.31	LAA 12	60	65	72	
B»	LIQUID AMS	2.50	PMV 12				
13A»	WEATHERMAX 4.5	3.08	LAA 12	62	68	68	
B»	LIQUID AMS	2.50	PMV 12				
14A»	WEATHERMAX 4.5	3.85	LAA 12	68	73	75	
B»	LIQUID AMS	2.50	PMV 12				
15A»	WEATHERMAX 4.5	4.62	LAA 12	78	80	82	
B»	LIQUID AMS	2.50	PMV 12				
16A»	WEATHERMAX 4.5	5.39	LAA 12	77	80	85	
B»	LIQUID AMS	2.50	PMV 12				
17A»	WEATHERMAX 4.5	6.16	LAA 12	87	93	93	
B»	LIQUID AMS	2.50	PMV 12				
18A»	WEATHERMAX 4.5	12.32	LAA 12	93	95	95	
B»	LIQUID AMS	2.50	PMV 12				
LSD (0.05)					5.23	7.87	6.64
STANDARD DEVIATION					2.59	3.89	3.29

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

11 = ----- / EPOST 06/04/2007(1)

12 = ----- / POST 06/11/2007(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	AMATA	CON %	06/11/2007	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 %	06/18/2007	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/25/2007	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* STAGE CODE

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