

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET
 PLOT AREA: 250 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	07/15/08	AME
AIR TEMPERATURE	90	F
% REL.HUMIDITY	35	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	2.0	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	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/15	
ASGROW 3901RR	8.00/8.00	IN
06/18/2008		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	2.00/8.00	IN

*** TIMING CODES**

12 = ----- / POST

*** STAGE CODE**

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

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

TITLE: Post Herbicides for Control of Glyphosate-Resistant Waterhemp-
CREATED: 04/28/2008 **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 %
				07/22/08	07/22/08	07/28/08	07/28/08	08/05/08	08/05/08
1A	ATRAZINE DF	1.50	LAA 12	38	47	48	45	47	33
	B»COC	1.00	PMV 12						
2A	WEEDAR 64 SL	0.50	LAA 12	68	70	77	73	73	63
3A	WEEDAR 64 SL	0.75	LAA 12	73	78	92	83	88	82
4A	CLARITY	0.25	LAA 12	92	68	99	72	99	67
	B»LIQUID AMS	2.50	PMV 12						
5A	CLARITY	0.50	LAA 12	99	80	99	83	99	78
	B»LIQUID AMS	2.50	PMV 12						
6A»	STATUS 56DG	0.088	LAA 12	77	72	96	77	96	63
	B»LIQUID AMS	2.50	PMV 12						
7A»	STATUS 56DG	0.175	LAA 12	83	82	99	83	99	70
	B»LIQUID AMS	2.50	PMV 12						
8A»	WEATHERMAX 4.5	0.77	LAA 12	0	32	0	42	0	37
	B»LIQUID AMS	2.50	PMV 12						
9A	CALLISTO 4SC	0.094	LAA 12	95	98	98	99	98	98
	B ATRAZINE DF	0.50	LAA 12						
	C»COC	1.00	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
10A»	IMPACT 2.8SC	0.016	LAA 12	96	96	99	93	99	85
	B ATRAZINE DF	0.50	LAA 12						
	C»MSO	2.50	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
11A»	LAUDIS 3.5SC	0.082	LAA 12	99	98	99	98	99	92
	B ATRAZINE DF	0.50	LAA 12						
	C»COC	1.00	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
12A	LIBERTY 1.67SL	0.42	LAA 12	92	88	96	82	96	67
	B»LIQUID AMS	2.50	PMV 12						
13A	COBRA 2EC	0.125	LAA 12	20	72	22	58	15	50
	B»COC	1.00	PMV 12						
14A	COBRA 2EC	0.187	LAA 12	20	83	23	75	18	58
	B»COC	1.00	PMV 12						
15A	PURSUIT DG (70	0.063	LAA 12	0	0	0	0	0	0
	B»COC	1.00	PMV 12						
16A	FLEXSTAR 1.88	0.353	LAA 12	10	87	10	82	8	80
	B»MSO	1.00	PMV 12						
17A	ULTRA BLAZER	0.375	LAA 12	7	78	10	73	7	67
	B»COC	1.00	PMV 12						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
LSD (0.05)				3.90	6.28	3.58	5.73	4.69	7.00
STANDARD DEVIATION				1.93	3.11	1.77	2.84	2.32	3.47

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 07/15/2008(1)

TITLE: Post Herbicides for Control of 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
001	GLXMA	CON %	07/22/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	07/22/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/28/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/05/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	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