

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	07/01/10	AME
AIR TEMPERATURE	75	F
% REL.HUMIDITY	52	
WIND DIRECTION	EAST	
WIND SPEED	5.0	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	
SPRAY VOLUME UNIT	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 4404 RR	10.0/10.0	IN
06/05/2010		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	2.00/14.0	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: Glyphosate and Impact for Control of Glyphosate-Resistant Waterhemp
CREATED: 05/07/2010 **REVISED:** 08/25/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: GR WH 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			AMATA	AMATA	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %
					07/07/10	07/16/10	07/22/10
1A	CHECK	0.00	NA	0	0	0	0
2A	IMPACT 2.8SC	0.011	LAA	12	80	75	68
	B ATRAZINE DF	0.50	LAA	12			
	C»MSO	1.00	PMV	12			
	D»LIQUID AMS	2.50	PMV	12			
3A	IMPACT 2.8SC	0.016	LAA	12	82	82	77
	B ATRAZINE DF	0.50	LAA	12			
	C»MSO	1.00	PMV	12			
	D»LIQUID AMS	2.50	PMV	12			
4A»	WEATHERMAX 4.5	0.77	LAA	12	32	30	33
	B»LIQUID AMS	2.50	PMV	12			
5A»	WEATHERMAX 4.5	0.77	LAA	12	60	63	62
	B ATRAZINE DF	0.50	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
6A	IMPACT 2.8SC	0.011	LAA	12	62	78	77
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
7A	IMPACT 2.8SC	0.011	LAA	12	80	85	85
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»LIQUID AMS	2.50	PMV	12			
8A	IMPACT 2.8SC	0.016	LAA	12	62	82	83
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
9A	IMPACT 2.8SC	0.016	LAA	12	82	93	90
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»LIQUID AMS	2.50	PMV	12			
10A	IMPACT 2.8SC	0.022	LAA	12	85	90	85
	B»WEATHERMAX 4.5	0.39	LAA	12			
	C ATRAZINE DF	0.50	LAA	12			
	D»ACTIVATOR 90	0.50	PMV	12			
	E»LIQUID AMS	2.50	PMV	12			
11A»	STATUS 56DG	0.088	LAA	12	83	90	83
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
12A	CALLISTO 4SC	0.063	LAA	12	60	68	67
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
13A»	LAUDIS 3.5SC	0.055	LAA	12	62	73	72
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
14A»	CADET 0.91EC	0.0043	LAA	12	63	42	40
	B»WEATHERMAX 4.5	0.77	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
LSD (0.05)					4.53	7.49	10.93
STANDARD DEVIATION					2.20	3.64	5.32

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

* TIMING CODES

12 = ----- / POST 07/01/2010(1)

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 %	07/07/2010	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	07/16/2010	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/22/2010	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N