

SOIL INFORMATIONTRIAL 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	09	
TYPE	LIQMIX	
APPLICATION DATE	06/08/10	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	47	
WIND DIRECTION	NORTH	
WIND SPEED	6.0	M/H
CLOUD COVER	CLOUDY	
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	---	

* TIMING CODES

09 = ----- / PREEMERGENCE

TITLE: Soil-Applied Herbicides for Control of Glyphosate-Resistant Waterhemp -
CREATED: 05/07/2010 **REVISED:** 08/31/2010 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: WHR 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 NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA	GLXMA	AMATA	
		RATE	UNIT	TM	CON % 06/29/10	CON % 06/29/10	CON % 07/29/10	CON % 07/29/10	
1A	AUTHORITY 75WG	0.25	LAA	9	0	99	0	99	
2A	VALOR 51WG	0.063	LAA	9	2	99	0	96	
3A»	INTRRO 4EC	2.00	LAA	9	0	96	0	95	
4A	OUTLOOK 6EC	0.84	LAA	9	0	98	0	95	
5A	DUAL II MAGNUM	1.27	LAA	9	0	99	0	95	
6A»	LINEX 4L	0.75	LAA	9	1	99	0	98	
7A	SENCOR 75WG	0.375	LAA	9	0	96	0	96	
8A	PROWL H2O 3.8	1.18	LAA	9	1	92	0	90	
9A	ATRAZINE DF	2.00	LAA	9	87	67	78	50	
10A»	BAL FLEXX 2L	0.094	LAA	9	35	99	23	77	
11A	PURSUIT DG (70	0.063	LAA	9	0	13	0	0	
12A»	VERDICT 5.57L	0.565	LAA	9	2	99	0	96	
13A»	KIH-485 85WG	0.19	LAA	9	1	99	0	95	
14A»	LEXAR 3.7L	3.24	LAA	9	95	99	95	93	
15A»	CORVUS 2.6SC	0.091	LAA	9	95	99	80	60	
	B ATRAZINE DF	1.50	LAA	9					
16A	CHECK	0.00	NA	0	0	0	0	0	
					LSD (0.05)	3.35	7.18	10.00	8.37
					STANDARD DEVIATION	1.64	3.52	4.91	4.10

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/08/2010(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/29/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/29/2010	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/29/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/29/2010	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 4404 RR