

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	09	
TYPE	LIQMIX	
APPLICATION DATE	06/20/08	AME
AIR TEMPERATURE	70	F
% REL.HUMIDITY	85	
WIND DIRECTION	NORTHEAST	
WIND SPEED	1.0	M/H
CLOUD COVER	CLOUDY	
DEW	YES	
SOIL MOISTURE	MOIST/MOI	
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	---/00	
ASGROW 3901RR	/	IN
06/18/2008		

*** TIMING CODES**

09 = ----- / PREEMERGENCE

*** STAGE CODE**

00 = DRY SEED

TITLE: Soil-Applied Herbicides for Control of Glyphosate-Resistant Waterhemp -
CREATED: 04/28/2008 **REVISED:** 09/08/2008 **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		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/15/08	07/15/08	08/11/08	08/11/08
1A	AUTHORITY 75WG	0.25	LAA	9	0	96	0	95
2A	VALOR 51WG	0.063	LAA	9	8	99	1	99
3A»	INTRRO 4EC	2.00	LAA	9	0	99	0	93
4A	OUTLOOK 6EC	0.84	LAA	9	0	99	0	88
5A	DUAL II MAGNUM	1.27	LAA	9	0	83	0	68
6A»	LINEX 4L	0.75	LAA	9	0	95	0	90
7A	SENCOR 75WG	0.375	LAA	9	0	77	0	68
8A	PROWL H2O 3.8	1.18	LAA	9	1	93	0	90
9A	ATRAZINE DF	2.00	LAA	9	78	92	70	57
10A	BALANCE PRO 4	0.094	LAA	9	80	87	60	53
11A	PURSUIT DG (70	0.063	LAA	9	0	0	0	0
12A»	BAS 80004H 2.8	0.022	LAA	9	0	85	0	68
13A»	BAS 80004H 2.8	0.067	LAA	9	3	90	0	78
14A»	BAS 78102H 5.5	1.09	LAA	9	4	99	0	98
15A»	KIH-485 85WG	0.19	LAA	9	0	99	0	99
16A»	LEXAR 3.7L	3.24	LAA	9	87	98	63	99
17A»	CORVUS 2.6SC	0.091	LAA	9	82	99	73	83
	B ATRAZINE DF	1.50	LAA	9				
18A	CHECK	0.00	NA	0	0	0	0	0
LSD (0.05)					4.33	5.89	6.23	13.15
STANDARD DEVIATION					2.14	2.91	3.08	6.51

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 06/20/2008(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 %	07/15/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	07/15/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	08/11/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	08/11/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3901RR