

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	07/09/08	AME
AIR TEMPERATURE	79	F
% REL.HUMIDITY	73	
WIND DIRECTION	NORTH	
WIND SPEED	4.0	M/H
CLOUD COVER	OVERCAST	
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	---/14	
ASGROW 3901RR	5.00/5.00	IN
06/18/2008		
*** PEST ***		
WATERHEMP, COMMO	---/19	
	1.00/5.00	IN

*** TIMING CODES**

12 = ----- / POST

*** STAGE CODE**

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES

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

TITLE: Post corn herbicides and HPPD's for gly. resistant WH control in corn.

CREATED: 04/29/2008 REVISED: 11/07/2008

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 %
				07/15/08	07/15/08	07/22/08	07/22/08	07/28/08	07/28/08
1A»	IMPACT 2.8SC	0.011	LAA 12	73	85	92	77	93	63
B»	MISO	1.00	PMV 12						
C»	LIQUID AMS	2.50	PMV 12						
2A»	IMPACT 2.8SC	0.011	LAA 12	99	99	99	98	99	98
B	ATRAZINE DF	0.50	LAA 12						
C»	MISO	1.00	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
3A»	IMPACT 2.8SC	0.011	LAA 12	67	87	83	87	80	77
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
4A»	IMPACT 2.8SC	0.011	LAA 12	99	98	99	90	99	87
B»	RNDUP POWERMAX	0.77	LAA 12						
C	ATRAZINE DF	0.75	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
5A»	IMPACT 2.8SC	0.016	LAA 12	72	87	92	83	90	77
B»	MISO	1.00	PMV 12						
C»	LIQUID AMS	2.50	PMV 12						
6A»	IMPACT 2.8SC	0.016	LAA 12	99	99	99	99	99	95
B	ATRAZINE DF	0.50	LAA 12						
C»	MISO	1.00	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
7A»	IMPACT 2.8SC	0.016	LAA 12	70	87	80	80	83	77
B»	RNDUP POWERMAX	0.77	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
8A»	IMPACT 2.8SC	0.016	LAA 12	99	98	99	95	99	88
B»	RNDUP POWERMAX	0.77	LAA 12						
C	ATRAZINE DF	0.75	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
9A»	LAUDIS 3.5SC	0.082	LAA 12	99	99	99	99	99	98
B	ATRAZINE DF	0.50	LAA 12						
C»	MISO	1.00	PMV 12						
D»	LIQUID AMS	2.50	PMV 12						
10A»	LAUDIS 3.5SC	0.082	LAA 12	82	92	98	96	99	98
B»	MISO	1.00	PMV 12						
C»	LIQUID AMS	2.50	PMV 12						
11A»	LAUDIS 3.5SC	0.082	LAA 12	99	96	99	99	99	96
B»	RNDUP POWERMAX	0.77	LAA 12						
C	ATRAZINE DF	0.50	LAA 12						
D»	LIQUID AMS	2.50	PMV 12						
12A»	LAUDIS 3.5SC	0.082	LAA 12	99	99	99	99	99	95
B»	RNDUP POWERMAX	0.77	LAA 12						
C	ATRAZINE DF	0.50	LAA 12						
D»	MISO	1.00	PMV 12						
E»	LIQUID AMS	2.50	PMV 12						
13A»	STATUS 56DG	0.088	LAA 12	77	80	99	62	99	58
B»	COC	1.00	PMV 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	STATUS 56DG	0.088	LAA 12	73	82	99	63	99	70
B»	RNDUP POWERMAX	0.75	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	STATUS 56DG	0.175	LAA 12	83	83	99	72	99	73
B»	COC	1.00	PMV 12						
C»	LIQUID AMS	2.50	PMV 12						

TITLE: Post corn herbicides and HPPD's for gly. resistant WH control in corn.

TRT	TREATMENT	DOSAGE	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	CON %	CON %
		UNIT	TM	07/15/08	07/15/08	07/22/08	07/22/08	07/28/08
16A	STATUS 56DG	0.175	LAA 12	80	83	99	73	99
	B»RNDUP POWERMAX	0.75	LAA 12					75
	C»LIQUID AMS	2.50	PMV 12					
17A	CHECK	0.00	NA 0	0	0	0	0	0
18A	(G)2,4-D-ESTER	0.238	LAA 12	70	82	43	77	65
	B»RNDUP POWERMAX	0.77	LAA 12					67
	C»LIQUID AMS	2.50	PMV 12					
19A	WEEDAR 64 SL	0.50	LAA 12	73	83	99	72	96
	B»RNDUP POWERMAX	0.77	LAA 12					60
	C»LIQUID AMS	2.50	PMV 12					
20A	WEEDAR 64 SL	1.00	LAA 12	83	92	99	88	99
	B»RNDUP POWERMAX	0.77	LAA 12					82
	C»LIQUID AMS	2.50	PMV 12					
LSD (0.05)				4.05	4.25	2.34	7.65	3.50
STANDARD DEVIATION				2.00	2.11	1.16	3.78	1.73
								11.16
								5.52

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

12 = ----- / POST 07/09/2008(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 %	07/22/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/22/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/28/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = ASGROW 3901RR