

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/11/11	AME
AIR TEMPERATURE	81	F
% REL.HUMIDITY	66	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	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	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	

*** TIMING CODES**

09 = ----- / PREEMERGENCE

TITLE: Preemergence Herbicide Systems for Weed Control in RR/LL Corn. AS-200
CREATED: 04/04/2011 **REVISED:** 10/19/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 05/31/11	SETFA CON % 05/31/11	AMATA CON % 05/31/11	CHEAL CON % 05/31/11	ABUTH CON % 05/31/11	PHBPU CON % 05/31/11
1A»A17227 3.94SC	2.96	LAA	9	0	98	99	99	99	88
2A»A17622 3.7SC	3.24	LAA	9	0	96	99	99	99	93
3A»A17227 3.94SC	2.96	LAA	9	0	97	99	99	99	91
B ATRAZINE DF	1.00	LAA	9						
4A»VERDICT 5.57L	0.78	LAA	9	0	97	99	99	99	99
5A»VERDICT 5.57L	0.78	LAA	9	0	97	99	99	99	99
B ATRAZINE DF	1.00	LAA	9						
6A»SHARPEN 2.85L	0.067	LAA	9	0	98	99	99	99	99
B»GUARDS MAX 5L	2.50	LAA	9						
7A»GUARDS MAX 5L	2.50	LAA	9	0	98	99	99	84	73
8A HARNESS XTRA	3.50	LAA	9	0	99	99	99	84	70
9A RESOLVE 25DF	0.016	LAA	9	0	67	96	98	96	72
B»HARMONY GT 50W	0.016	LAA	9						
C»MESOTRIONE 45W	0.14	LAA	9						
D ATRAZINE DF	1.00	LAA	9						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»CORVUS 2.6SC	0.114	LAA	9	0	88	99	99	99	82
B ATRAZINE DF	1.00	LAA	9						
12A»KIH-485 85WG	0.16	LAA	9	0	97	99	99	99	94
B ATRAZINE DF	1.50	LAA	9						
C»BAL FLEXX 2L	0.047	LAA	9						
LSD (0.05)				0.00	3.74	0.564	0.564	2.94	4.89
STANDARD DEVIATION				0.00	1.80	0.272	0.272	1.42	2.36

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/12/11	SETFA CON % 06/12/11	AMATA CON % 06/12/11	CHEAL CON % 06/12/11	ABUTH CON % 06/12/11	PHBPU CON % 06/12/11
1A»A17227 3.94SC	2.96	LAA	9	0	96	99	99	99	95
2A»A17622 3.7SC	3.24	LAA	9	0	94	99	99	99	96
3A»A17227 3.94SC	2.96	LAA	9	0	96	99	99	99	94
B ATRAZINE DF	1.00	LAA	9						
4A»VERDICT 5.57L	0.78	LAA	9	0	94	99	99	99	97
5A»VERDICT 5.57L	0.78	LAA	9	0	95	99	99	99	98
B ATRAZINE DF	1.00	LAA	9						
6A»SHARPEN 2.85L	0.067	LAA	9	0	97	99	99	99	97
B»GUARDS MAX 5L	2.50	LAA	9						
7A»GUARDS MAX 5L	2.50	LAA	9	0	96	99	99	72	72
8A HARNESS XTRA	3.50	LAA	9	0	99	99	99	75	72
9A RESOLVE 25DF	0.016	LAA	9	0	57	99	99	99	93
B»HARMONY GT 50W	0.016	LAA	9						
C»MESOTRIONE 45W	0.14	LAA	9						
D ATRAZINE DF	1.00	LAA	9						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»CORVUS 2.6SC	0.114	LAA	9	0	87	99	99	99	95
B ATRAZINE DF	1.00	LAA	9						
12A»KIH-485 85WG	0.16	LAA	9	0	96	99	99	99	94
B ATRAZINE DF	1.50	LAA	9						
C»BAL FLEXX 2L	0.047	LAA	9						
LSD (0.05)				0.00	5.36	0.00	0.00	4.64	4.08
STANDARD DEVIATION				0.00	2.59	0.00	0.00	2.24	2.00

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/22/11	SETFA CON % 06/22/11	AMATA CON % 06/22/11	CHEAL CON % 06/22/11	ABUTH CON % 06/22/11	PHBPU CON % 06/22/11
1A»A17227 3.94SC	2.96	LAA	9	0	94	99	99	99	90
2A»A17622 3.7SC	3.24	LAA	9	0	92	99	99	99	93
3A»A17227 3.94SC	2.96	LAA	9	0	93	99	99	99	92
B ATRAZINE DF	1.00	LAA	9						
4A»VERDICT 5.57L	0.78	LAA	9	0	91	99	99	99	97
5A»VERDICT 5.57L	0.78	LAA	9	0	94	99	99	99	97
B ATRAZINE DF	1.00	LAA	9						
6A»SHARPEN 2.85L	0.067	LAA	9	0	95	99	99	99	96
B»GUARDS MAX 5L	2.50	LAA	9						
7A»GUARDS MAX 5L	2.50	LAA	9	0	92	99	99	57	65
8A HARNESS XTRA	3.50	LAA	9	0	99	99	99	70	65
9A RESOLVE 25DF	0.016	LAA	9	0	33	99	99	97	77
B»HARMONY GT 50W	0.016	LAA	9						
C»MESOTRIONE 45W	0.14	LAA	9						
D ATRAZINE DF	1.00	LAA	9						
10A CHECK	0.00	NA	0	0	0	0	0	0	0
11A»CORVUS 2.6SC	0.114	LAA	9	0	86	99	99	99	90
B ATRAZINE DF	1.00	LAA	9						
12A»KIH-485 85WG	0.16	LAA	9	0	98	99	99	99	91
B ATRAZINE DF	1.50	LAA	9						
C»BAL FLEXX 2L	0.047	LAA	9						
LSD (0.05)				0.00	7.00	0.00	0.00	4.86	6.00
STANDARD DEVIATION				0.00	3.36	0.00	0.00	2.34	2.91

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	YIELD BU/A 10/11/11
1A»A17227 3.94SC	2.96	LAA	9	193.9
2A»A17622 3.7SC	3.24	LAA	9	198.4
3A»A17227 3.94SC B ATRAZINE DF	2.96 1.00	LAA LAA	9 9	200.8
4A»VERDICT 5.57L	0.78	LAA	9	202.2
5A»VERDICT 5.57L B ATRAZINE DF	0.78 1.00	LAA LAA	9 9	200.8
6A»SHARPEN 2.85L B»GUARDS MAX 5L	0.067 2.50	LAA LAA	9 9	207.6
7A»GUARDS MAX 5L	2.50	LAA	9	198.9
8A HARNESS XTRA	3.50	LAA	9	206.9
9A RESOLVE 25DF B»HARMONY GT 50W C»MESOTRIONE 45W D ATRAZINE DF	0.016 0.016 0.14 1.00	LAA LAA LAA LAA	9 9 9 9	176.6
10A CHECK	0.00	NA	0	134.9
11A»CORVUS 2.6SC B ATRAZINE DF	0.114 1.00	LAA LAA	9 9	205.3
12A»KIH-485 85WG B ATRAZINE DF C»BAL FLEXX 2L	0.16 1.50 0.047	LAA LAA LAA	9 9 9	207.0
LSD (0.05)				22.00
STANDARD DEVIATION				10.62

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/11/2011(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	05/31/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/31/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/31/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/31/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/31/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/31/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	06/12/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/12/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/12/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/12/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	06/12/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/12/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	CON %	06/22/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	06/22/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	06/22/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	CON %	06/22/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	CON %	06/22/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/22/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	10/11/2011	01	P	ZEAMD		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)
01 = NK72A3111