

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 29 FEET
 PLOT AREA: 290 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	13	
TYPE	LIQMI	LIQMI	
APPLICATION DATE	05/13/11	06/24/11	AME
AIR TEMPERATURE	83	65	F
% REL.HUMIDITY		68	
WIND DIRECTION	NORTHEAST	NORTHWEST	
WIND SPEED	7.0	6.0	M/H
CLOUD COVER	OVERCAST	OVERCAST	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
	DN/SG/MMZ		
*** CROP ***			
CORN, DENT		NA/17	
DKC62-97		12.0/16.0	IN
05/12/2011			
*** PEST ***			
VELVETLEAF		---/14	
		1.00/5.00	IN
RAGWEED, GIANT		---/19	
		5.00/10.0	IN
LAMBSQUARTERS, C		---/19	
		2.00/4.00	IN
FOXTAIL, GIANT		---/16	
		4.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 13 = ----- / LPOST

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Herbicide Systems for Weed Control in RR/LL Corn. SW-1500W
CREATED: 04/27/2011 **REVISED:** 11/07/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 06/16/11	SETFA CON % 06/16/11	AMBTR CON % 06/16/11	ABUTH CON % 06/16/11	CHEAL CON % 06/16/11	ZEAMD CON % 07/05/11
		RATE	UNIT	TM						
1A	A17227 3.94SC	2.96	LAA	9	0	85	57	89	99	0
2A	A17622 3.7SC	3.24	LAA	9	0	83	77	92	99	0
3A	A17227 3.94SC	2.96	LAA	9	0	95	88	92	99	0
	B ATRAZINE DF	1.00	LAA	9						
4A	GUARDS MAX 5L	2.50	LAA	9	0	97	50	72	99	0
5A	GUARDS MAX 5L	2.50	LAA	9	0	89	86	81	99	0
	B>SHARPEN 2.85L	0.067	LAA	9						
6A	VERDICT 5.57L	0.78	LAA	9	0	94	80	92	99	0
7A	CORVUS 2.6SC	0.114	LAA	9	0	83	63	89	99	0
	B ATRAZINE DF	1.00	LAA	9						
8A	A17227 3.94SC	1.97	LAA	9	0	89	68	83	99	0
	B>TOUCHDN TOTAL	1.04	LAA	13						
	C>LIQUID AMS	2.50	PMV	13						
9A	A17622 3.7SC	2.08	LAA	9	0	94	68	77	99	0
	B>TOUCHDN TOTAL	1.04	LAA	13						
	C>LIQUID AMS	2.50	PMV	13						
10A	BICEP II MAG	3.30	LAA	9	0	96	70	57	99	1
	B>HALEX GT 4.38L	1.97	LAA	13						
	C>ACTIVATOR 90	0.25	PMV	13						
	D>LIQUID AMS	2.50	PMV	13						
11A	BICEP II MAG	3.30	LAA	9	0	98	50	50	99	0
	B>HALEX GT 4.38L	1.97	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D>ACTIVATOR 90	0.25	PMV	13						
	E>LIQUID AMS	2.50	PMV	13						
12A	BICEP II MAG	3.30	LAA	9	0	91	57	52	99	0
	B>CALLISTO XTRA	0.57	LAA	13						
	C>TOUCHDN TOTAL	1.04	LAA	13						
	D>LIQUID AMS	2.50	PMV	13						
13A	CORVUS 2.6SC	0.114	LAA	9	0	94	73	91	99	0
	B ATRAZINE DF	1.00	LAA	9						
	C>TOUCHDN TOTAL	1.04	LAA	13						
	D>LIQUID AMS	2.50	PMV	13						
14A	VERDICT 5.57L	0.78	LAA	9	0	82	63	78	98	0
	B>TOUCHDN TOTAL	1.04	LAA	13						
	C>LIQUID AMS	2.50	PMV	13						
15A	HARNESS XTRA	2.80	LAA	9	0	96	53	57	99	0
	B>TOUCHDN TOTAL	1.04	LAA	13						
	C>LIQUID AMS	2.50	PMV	13						
16A	GUARDS MAX 5L	2.50	LAA	9	0	96	65	53	98	0
	B>TOUCHDN TOTAL	1.04	LAA	13						
	C>LIQUID AMS	2.50	PMV	13						
17A	A17622 3.7SC	1.62	LAA	9	0	82	60	80	99	0
	B>HALEX GT 4.38L	1.97	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D>ACTIVATOR 90	0.25	PMV	13						
	E>LIQUID AMS	2.50	PMV	13						
18A	BICEP II MAG	1.79	LAA	9	0	91	43	57	99	1
	B>HALEX GT 4.38L	1.97	LAA	13						
	C ATRAZINE DF	0.33	LAA	13						
	D>ACTIVATOR 90	0.25	PMV	13						
	E>LIQUID AMS	2.50	PMV	13						

TITLE: Herbicide Systems for Weed Control in RR/LL Corn. SW-1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT		CON % 06/16/11	CON % 06/16/11	CON % 06/16/11	CON % 06/16/11	CON % 06/16/11	CON % 07/05/11
19A	BICEP II MAG	3.30	LAA	9	0	91	47	43	99	1
	B»HALEX GT 4.38L	1.97	LAA	13						
	C»R-11	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
20A	CHECK	0.00	NA	0	0	0	0	0	0	0
21A	BICEP II MAG	3.30	LAA	9	0	93	67	55	99	3
	B»HALEX GT 4.38L	1.97	LAA	13						
	C»BRIMSTONE	3.00	PMA	13						
	D»R-11	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
22A»	HALEX GT 4.38L	1.97	LAA	13	C	C	C	C	C	0
	B»R-11	0.25	PMV	13						
	C»LIQUID AMS	2.50	PMV	13						
23A»	HALEX GT 4.38L	1.97	LAA	13	C	C	C	C	C	10
	B»BRIMSTONE	3.00	PMA	13						
	C»R-11	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
24A»	HALEX GT 4.38L	1.97	LAA	13	C	C	C	C	C	0
	B ATRAZINE DF	0.50	LAA	13						
	C»ACTIVATOR 90	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	11.80	21.94	18.81	0.856	1.94
		STANDARD DEVIATION			0.00	5.90	11.00	9.41	0.428	1.00

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CREATED: 04/27/2011 **REVISED:** 11/07/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 07/05/11	CON % 07/05/11	CON % 07/05/11	CON % 07/05/11	CON % 07/19/11	CON % 07/19/11
1A»	A17227 3.94SC	2.96	LAA	9	62	53	92	98	0	55
2A»	A17622 3.7SC	3.24	LAA	9	61	77	83	98	0	59
3A»	A17227 3.94SC	2.96	LAA	9	73	65	95	99	0	63
	B ATRAZINE DF	1.00	LAA	9						
4A»	GUARDS MAX 5L	2.50	LAA	9	86	55	52	95	0	83
5A»	GUARDS MAX 5L	2.50	LAA	9	74	80	67	98	0	65
	B»SHARPEN 2.85L	0.067	LAA	9						
6A»	VERDICT 5.57L	0.78	LAA	9	76	72	77	98	0	73
7A»	CORVUS 2.6SC	0.114	LAA	9	63	58	83	99	0	57
	B ATRAZINE DF	1.00	LAA	9						
8A»	A17227 3.94SC	1.97	LAA	9	98	94	99	99	0	96
	B»TOUCHDN TOTAL	1.04	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
9A»	A17622 3.7SC	2.08	LAA	9	99	98	99	99	0	97
	B»TOUCHDN TOTAL	1.04	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
10A	BICEP II MAG	3.30	LAA	9	99	99	99	99	0	99
	B»HALEX GT 4.38L	1.97	LAA	13						
	C»ACTIVATOR 90	0.25	PMV	13						
	D»LIQUID AMS	2.50	PMV	13						
11A	BICEP II MAG	3.30	LAA	9	99	99	99	99	0	98
	B»HALEX GT 4.38L	1.97	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»ACTIVATOR 90	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
12A	BICEP II MAG	3.30	LAA	9	99	98	99	99	0	99
	B»CALLISTO XTRA	0.57	LAA	13						
	C»TOUCHDN TOTAL	1.04	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
13A»	CORVUS 2.6SC	0.114	LAA	9	98	98	99	99	0	95
	B ATRAZINE DF	1.00	LAA	9						
	C»TOUCHDN TOTAL	1.04	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
14A»	VERDICT 5.57L	0.78	LAA	9	99	99	99	99	0	96
	B»TOUCHDN TOTAL	1.04	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
15A	HARNESS XTRA	2.80	LAA	9	99	95	96	99	0	97
	B»TOUCHDN TOTAL	1.04	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
16A»	GUARDS MAX 5L	2.50	LAA	9	99	98	98	99	0	95
	B»TOUCHDN TOTAL	1.04	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
17A»	A17622 3.7SC	1.62	LAA	9	99	99	99	99	0	99
	B»HALEX GT 4.38L	1.97	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»ACTIVATOR 90	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP II MAG	1.79	LAA	9	99	97	99	99	0	96
	B»HALEX GT 4.38L	1.97	LAA	13						
	C ATRAZINE DF	0.33	LAA	13						
	D»ACTIVATOR 90	0.25	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						

TITLE: Herbicide Systems for Weed Control in RR/LL Corn. SW-1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE		SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT TM	CON % 07/05/11	CON % 07/05/11	CON % 07/05/11	CON % 07/05/11	CON % 07/19/11	CON % 07/19/11
19A	BICEP II MAG	3.30	LAA 9	99	96	99	99	0	97
	B»HALEX GT 4.38L	1.97	LAA 13						
	C»R-11	0.25	PMV 13						
	D»LIQUID AMS	2.50	PMV 13						
20A	CHECK	0.00	NA 0	0	0	0	0	0	0
21A	BICEP II MAG	3.30	LAA 9	99	97	99	99	0	99
	B»HALEX GT 4.38L	1.97	LAA 13						
	C»BRIMSTONE	3.00	PMA 13						
	D»R-11	0.25	PMV 13						
	E»LIQUID AMS	2.50	PMV 13						
22A»	HALEX GT 4.38L	1.97	LAA 13	98	93	99	99	0	95
	B»R-11	0.25	PMV 13						
	C»LIQUID AMS	2.50	PMV 13						
23A»	HALEX GT 4.38L	1.97	LAA 13	99	94	99	99	0	97
	B»BRIMSTONE	3.00	PMA 13						
	C»R-11	0.25	PMV 13						
	D»LIQUID AMS	2.50	PMV 13						
24A»	HALEX GT 4.38L	1.97	LAA 13	96	99	99	99	0	98
	B ATRAZINE DF	0.50	LAA 13						
	C»ACTIVATOR 90	0.25	PMV 13						
	D»LIQUID AMS	2.50	PMV 13						
		LSD (0.05)		17.10	18.16	8.60	2.45	0.00	16.10
		STANDARD DEVIATION		8.55	9.08	4.30	1.23	0.00	8.05

TITLE: Herbicide Systems for Weed Control in RR/LL Corn. SW-1500W
CREATED: 04/27/2011 **REVISED:** 11/07/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 07/19/11	ABUTH CON % 07/19/11	CHEAL CON % 07/19/11	YIELD BU/A 10/18/11
		RATE	UNIT	TM				
1A»	A17227 3.94SC	2.96	LAA	9	50	90	98	220.5
2A»	A17622 3.7SC	3.24	LAA	9	65	73	98	202.0
3A»	A17227 3.94SC	2.96	LAA	9	57	86	98	215.6
	B ATRAZINE DF	1.00	LAA	9				
4A»	GUARDS MAX 5L	2.50	LAA	9	37	43	95	211.2
5A»	GUARDS MAX 5L	2.50	LAA	9	82	53	96	193.9
	B»SHARPEN 2.85L	0.067	LAA	9				
6A»	VERDICT 5.57L	0.78	LAA	9	65	70	95	190.8
7A»	CORVUS 2.6SC	0.114	LAA	9	47	80	99	216.6
	B ATRAZINE DF	1.00	LAA	9				
8A»	A17227 3.94SC	1.97	LAA	9	94	99	98	195.8
	B»TOUCHDN TOTAL	1.04	LAA	13				
	C»LIQUID AMS	2.50	PMV	13				
9A»	A17622 3.7SC	2.08	LAA	9	98	98	99	215.7
	B»TOUCHDN TOTAL	1.04	LAA	13				
	C»LIQUID AMS	2.50	PMV	13				
10A	BICEP II MAG	3.30	LAA	9	99	99	99	193.4
	B»HALEX GT 4.38L	1.97	LAA	13				
	C»ACTIVATOR 90	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
11A	BICEP II MAG	3.30	LAA	9	99	99	99	214.4
	B»HALEX GT 4.38L	1.97	LAA	13				
	C ATRAZINE DF	0.50	LAA	13				
	D»ACTIVATOR 90	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
12A	BICEP II MAG	3.30	LAA	9	99	99	99	205.9
	B»CALLISTO XTRA	0.57	LAA	13				
	C»TOUCHDN TOTAL	1.04	LAA	13				
	D»LIQUID AMS	2.50	PMV	13				
13A»	CORVUS 2.6SC	0.114	LAA	9	98	99	99	216.9
	B ATRAZINE DF	1.00	LAA	9				
	C»TOUCHDN TOTAL	1.04	LAA	13				
	D»LIQUID AMS	2.50	PMV	13				
14A»	VERDICT 5.57L	0.78	LAA	9	99	99	99	195.5
	B»TOUCHDN TOTAL	1.04	LAA	13				
	C»LIQUID AMS	2.50	PMV	13				
15A	HARNESS XTRA	2.80	LAA	9	96	95	99	217.9
	B»TOUCHDN TOTAL	1.04	LAA	13				
	C»LIQUID AMS	2.50	PMV	13				
16A»	GUARDS MAX 5L	2.50	LAA	9	98	99	99	181.4
	B»TOUCHDN TOTAL	1.04	LAA	13				
	C»LIQUID AMS	2.50	PMV	13				
17A»	A17622 3.7SC	1.62	LAA	9	99	99	99	205.3
	B»HALEX GT 4.38L	1.97	LAA	13				
	C ATRAZINE DF	0.50	LAA	13				
	D»ACTIVATOR 90	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
18A	BICEP II MAG	1.79	LAA	9	99	99	99	208.0
	B»HALEX GT 4.38L	1.97	LAA	13				
	C ATRAZINE DF	0.33	LAA	13				
	D»ACTIVATOR 90	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				

TITLE: Herbicide Systems for Weed Control in RR/LL Corn. SW-1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	ABUTH	CHEAL	YIELD
		RATE	UNIT		CON % 07/19/11	CON % 07/19/11	CON % 07/19/11	BU/A 10/18/11
19A	BICEP II MAG	3.30	LAA	9	98	98	99	220.5
	B»HALEX GT 4.38L	1.97	LAA	13				
	C»R-11	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
20A	CHECK	0.00	NA	0	0	0	0	161.3
21A	BICEP II MAG	3.30	LAA	9	99	99	99	206.6
	B»HALEX GT 4.38L	1.97	LAA	13				
	C»BRIMSTONE	3.00	PMA	13				
	D»R-11	0.25	PMV	13				
	E»LIQUID AMS	2.50	PMV	13				
22A»	HALEX GT 4.38L	1.97	LAA	13	96	99	99	190.4
	B»R-11	0.25	PMV	13				
	C»LIQUID AMS	2.50	PMV	13				
23A»	HALEX GT 4.38L	1.97	LAA	13	97	99	99	190.2
	B»BRIMSTONE	3.00	PMA	13				
	C»R-11	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
24A»	HALEX GT 4.38L	1.97	LAA	13	99	99	99	214.1
	B ATRAZINE DF	0.50	LAA	13				
	C»ACTIVATOR 90	0.25	PMV	13				
	D»LIQUID AMS	2.50	PMV	13				
	LSD (0.05)				18.29	9.83	2.56	26.46
	STANDARD DEVIATION				9.15	4.92	1.28	13.23

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/13/2011(1)
13 = ----- / LPOST 06/24/2011(2)

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 %	06/16/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/16/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/16/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/16/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/16/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/05/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/05/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	07/05/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/05/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/05/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/19/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/19/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	07/19/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/19/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/19/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/18/2011	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 = DKC62-97