

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	03	04	UNIT
TIMINGS	09	10	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/26/12	05/18/12	05/22/12	06/03/12	AME
AIR TEMPERATURE	53	73	71	76	F
% REL.HUMIDITY	60	34	29	34	
WIND DIRECTION	NORTH	SOUTH	NORTH	WEST	
WIND SPEED	15.0	10.0	7.0	8.0	M/H
CLOUD COVER	OVERCAST	CLEAR	CLEAR	CLEAR	
DEW	---	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/12	---/13	---/16	
84A40 3000GT		2.00/3.00	4.00/5.00	12.0/14.0	IN
04/25/2012					
*** PEST ***					
VELVETLEAF		---/11	---/12	---/14	
		0.50/1.00	0.50/1.50	1.00/3.00	IN
RAGWEED, GIANT		---/12	---/14	---/18	
		1.00/2.00	2.00/3.00	2.00/7.00	IN
LAMBSQUARTERS, C		---/14	---/16	---/19	
		0.50/1.00	0.50/1.00	1.00/2.00	IN
FOXTAIL, GIANT		---/12	---/14	---/15	
		0.50/1.00	1.00/3.00	2.00/5.00	IN

\* TIMING CODES

09 = ----- / PREEMERGENCE  
 10 = ----- / VEPOST  
 11 = ----- / EPOST  
 12 = ----- / POST

\* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED  
 12 = 2 LEAVES UNFOLDED  
 12 = 2 LEAVES UNFOLDED  
 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 13 = 3 LEAVES UNFOLDED  
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 16 = 6 LEAVES UNFOLDED  
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

\* STAGE CODE

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

**TITLE:** Herbicide Systems for Weed Control in RR/LL Corn II. SW-1500W  
**CREATED:** 04/11/2012 **REVISED:** 10/31/2012 **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		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT		PRE 05/28/12	PRE 05/28/12	PRE 05/28/12	PRE 05/28/12	PRE 05/28/12	10 DAT 06/12/12
1A	HARNES XTRA	2.80	LAA	9	0	98	67	93	99	0
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
2A	DEGREE XTRA	3.03	LAA	9	0	99	47	68	99	0
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	TRIPLEFLEX 4.1	1.04	LAA	9	0	98	57	89	99	0
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	HARNES XTRA	2.10	LAA	9	0	98	40	82	99	0
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»TRIPLEFLEX 4.1	0.91	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A»	LEXAR EZ 3.7SC	2.08	LAA	9	0	98	75	99	99	0
	B»TOUCHDN TOTAL	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
6A»	VERDICT 5.57L	0.696	LAA	9	0	97	65	99	99	0
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.80	LAA	9	0	98	70	99	99	0
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
8A	HARNES XTRA	2.24	LAA	9	0	99	43	87	99	0
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C IMPACT 2.8SC	0.016	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	HARNES XTRA	2.24	LAA	9	0	89	50	86	99	0
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	WARRANT 3L	1.125	LAA	11	C	C	C	C	C	0
	B»RNDUP POWERMAX	0.77	LAA	11						
	C IMPACT 2.8SC	0.016	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»MSO	0.50	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A»	CAPRENO 3.45 S	0.081	LAA	10	C	C	C	C	C	0
	B ATRAZINE DF	0.50	LAA	10						
	C»RNDUP POWERMAX	0.77	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						
12A	CHECK	0.00	NA	0	C	C	C	C	C	0
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	HALEX GT 4.38L	1.97	LAA	11	C	C	C	C	C	0
	B ATRAZINE DF	0.50	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
15A»	RNDUP POWERMAX	1.02	LAA	11	C	C	C	C	C	0
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						

<b>TITLE:</b> Herbicide Systems for Weed Control in RR/LL Corn II. SW-1500W							
LSD (0.05)	0.00	7.30	21.78	11.78	0.00	0.00	
STANDARD DEVIATION	0.00	3.56	10.63	5.75	0.00	0.00	

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**TITLE:** Herbicide Systems for Weed Control in RR/LL Corn II. SW-1500W  
**CREATED:** 04/11/2012 **REVISED:** 10/31/2012 **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	10 DAT 06/12/12	10 DAT 06/12/12	10 DAT 06/12/12	10 DAT 06/12/12	30 DAT 07/03/12	30 DAT 07/03/12
1A	HARNES XTRA	2.80	LAA	9	99	96	94	99	0	99
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
2A	DEGREE XTRA	3.03	LAA	9	99	95	95	99	0	99
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
3A»	TRIPLEFLEX 4.1	1.04	LAA	9	98	97	96	99	0	97
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
4A	HARNES XTRA	2.10	LAA	9	99	95	94	99	0	99
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»TRIPLEFLEX 4.1	0.91	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A»	LEXAR EZ 3.7SC	2.08	LAA	9	99	98	99	99	0	98
	B»TOUCHDN TOTAL	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
6A»	VERDICT 5.57L	0.696	LAA	9	99	95	96	99	0	97
	B»WEATHERMAX 4.5	1.13	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.80	LAA	9	99	98	96	99	0	98
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
8A	HARNES XTRA	2.24	LAA	9	99	96	95	99	0	97
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C IMPACT 2.8SC	0.016	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	HARNES XTRA	2.24	LAA	9	98	94	94	99	0	96
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A»	WARRANT 3L	1.125	LAA	11	98	96	98	98	0	94
	B»RNDUP POWERMAX	0.77	LAA	11						
	C IMPACT 2.8SC	0.016	LAA	11						
	D ATRAZINE DF	0.50	LAA	11						
	E»MSO	0.50	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A»	CAPRENO 3.45 S	0.081	LAA	10	99	96	96	98	0	90
	B ATRAZINE DF	0.50	LAA	10						
	C»RNDUP POWERMAX	0.77	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						
12A	CHECK	0.00	NA	0	C	C	C	C	C	C
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	HALEX GT 4.38L	1.97	LAA	11	96	94	98	99	0	86
	B ATRAZINE DF	0.50	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
15A»	RNDUP POWERMAX	1.02	LAA	11	98	99	98	99	0	96
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						

<b>TITLE:</b> Herbicide Systems for Weed Control in RR/LL Corn II. SW-1500W							
LSD (0.05)	2.48	2.24	2.00	0.679	0.00	6.39	
STANDARD DEVIATION	1.21	1.09	1.00	0.332	0.00	3.12	

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**TITLE:** Herbicide Systems for Weed Control in RR/LL Corn II. SW-1500W  
**CREATED:** 04/11/2012 **REVISED:** 10/31/2012 **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	ABUTH	CHEAL	YIELD
		RATE	UNIT	TM	30 DAT 07/03/12	30 DAT 07/03/12	30 DAT 07/03/12	BU/A- 10/16/12
1A	HARNES XTRA	2.80	LAA	9	90	81	99	155.5
	B»WEATHERMAX 4.5	1.13	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
2A	DEGREE XTRA	3.03	LAA	9	89	82	99	165.9
	B»WEATHERMAX 4.5	1.13	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
3A»	TRIPLEFLEX 4.1	1.04	LAA	9	94	85	99	161.7
	B»WEATHERMAX 4.5	1.13	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
4A	HARNES XTRA	2.10	LAA	9	88	79	99	163.5
	B»WEATHERMAX 4.5	1.13	LAA	12				
	C»TRIPLEFLEX 4.1	0.91	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
5A»	LEXAR EZ 3.7SC	2.08	LAA	9	98	98	99	160.5
	B»TOUCHDN TOTAL	1.13	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
6A»	VERDICT 5.57L	0.696	LAA	9	96	91	99	163.4
	B»WEATHERMAX 4.5	1.13	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
7A	HARNES XTRA	2.80	LAA	9	91	84	99	180.2
	B IMPACT 2.8SC	0.016	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
8A	HARNES XTRA	2.24	LAA	9	84	81	99	158.2
	B»WEATHERMAX 4.5	0.77	LAA	12				
	C IMPACT 2.8SC	0.016	LAA	12				
	D ATRAZINE DF	0.50	LAA	12				
	E»MSO	0.50	PMV	12				
	F»LIQUID AMS	2.50	PMV	12				
9A	HARNES XTRA	2.24	LAA	9	84	73	99	162.7
	B»WEATHERMAX 4.5	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
10A»	WARRANT 3L	1.125	LAA	11	89	83	97	156.0
	B»RNDUP POWERMAX	0.77	LAA	11				
	C IMPACT 2.8SC	0.016	LAA	11				
	D ATRAZINE DF	0.50	LAA	11				
	E»MSO	0.50	PMV	11				
	F»LIQUID AMS	2.50	PMV	11				
11A»	CAPRENO 3.45 S	0.081	LAA	10	88	85	98	163.5
	B ATRAZINE DF	0.50	LAA	10				
	C»RNDUP POWERMAX	0.77	LAA	10				
	D»LIQUID AMS	2.50	PMV	10				
12A	CHECK	0.00	NA	0	C	C	C	C
13A	CHECK	0.00	NA	0	0	0	0	24.5
14A»	HALEX GT 4.38L	1.97	LAA	11	98	93	98	154.7
	B ATRAZINE DF	0.50	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
15A»	RNDUP POWERMAX	1.02	LAA	11	92	86	99	165.5
	B»LAUDIS 3.5SC	0.082	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				

TITLE: Herbicide Systems for Weed Control in RR/LL Corn II. SW-1500W  
 LSD (0.05) 11.00 6.78 1.10 17.87  
 STANDARD DEVIATION 5.36 3.31 0.537 8.73

» = SUPPLEMENTAL CHEMICAL

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

## \* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PREEMERGENCE 04/26/2012(1)  
 10 = ----- / VEPOST 05/18/2012(2)  
 11 = ----- / EPOST 05/22/2012(3)  
 12 = ----- / POST 06/03/2012(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	PRE	05/28/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	05/28/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PRE	05/28/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	PRE	05/28/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	PRE	05/28/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	10 DAT	06/12/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	10 DAT	06/12/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	10 DAT	06/12/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	10 DAT	06/12/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/12/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	30 DAT	07/03/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	30 DAT	07/03/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	30 DAT	07/03/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	30 DAT	07/03/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	30 DAT	07/03/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A-	10/16/2012	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 = 84A40 3000GT