

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	10	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/26/12	05/18/12	AME
AIR TEMPERATURE	53	73	F
% REL.HUMIDITY	60	34	
WIND DIRECTION	NORTH	SOUTH	
WIND SPEED	15.0	10.0	M/H
CLOUD COVER	OVERCAST	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/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		---/12	
84A40 3000GT		2.00/3.00	IN
04/25/2012			
*** PEST ***			
VELVETLEAF		---/11	
		0.50/1.00	IN
RAGWEED, GIANT		---/12	
		1.00/2.00	IN
LAMBSQUARTERS, C		---/14	
		0.50/1.00	IN
FOXTAIL, GIANT		---/12	
		0.50/1.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 10 = ----- / VEPOST

* 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
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Pre and Post Herbicide Systems for Weed Control in RR/LL Corn. SW-1500W
CREATED: 04/11/2012 **REVISED:** 10/02/2012 **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			ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT	TM	CON % 05/18/12	CON % 05/18/12	CON % 05/18/12	CON % 05/18/12	CON % 05/18/12	CON % 05/28/12
1A»	CORVUS 2.6SC	0.114	LAA	9	0	99	90	98	99	0
B	ATRAZINE DF	1.50	LAA	9						
2A»	CORVUS 2.6SC	0.114	LAA	9	0	99	88	99	99	0
B	CLARITY	0.25	LAA	9						
3A»	CORVUS 2.6SC	0.114	LAA	9	0	99	93	98	99	0
B	CLARITY	0.50	LAA	9						
4A»	BAL FLEXX 2L	0.094	LAA	9	0	99	96	99	99	0
B	ATRAZINE DF	1.50	LAA	9						
5A»	BAL FLEXX 2L	0.094	LAA	9	0	99	96	99	99	0
B	HARNESS (7EC)	1.97	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
6A»	BAL FLEXX 2L	0.094	LAA	9	0	98	93	99	99	0
B	CLARITY	0.25	LAA	9						
7A»	BAL FLEXX 2L	0.094	LAA	9	0	96	88	98	99	0
B	CLARITY	0.50	LAA	9						
8A»	LUMAX EZ 3.67S	2.96	LAA	9	0	99	88	99	99	0
9A	HARNESS XTRA	4.20	LAA	9	0	99	80	98	99	0
10A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	0
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	0	0	0	0	0	0
13A»	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	CLARITY	0.25	LAA	10						
E»	LIQUID AMS	2.50	PMV	10						
14A»	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	CLARITY	0.50	LAA	10						
E»	LIQUID AMS	2.50	PMV	10						
15A»	HALEX GT 4.38L	1.97	LAA	10	C	C	C	C	C	0
B	ATRAZINE DF	0.50	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
D»	LIQUID AMS	2.50	PMV	10						
	LSD (0.05)				0.00	2.39	9.09	1.00	0.00	0.00
	STANDARD DEVIATION				0.00	1.17	4.44	0.503	0.00	0.00

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PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 05/28/12	CON % 05/28/12	CON % 05/28/12	CON % 05/28/12	CON % 06/19/12	CON % 06/19/12
1A»	CORVUS 2.6SC	0.114	LAA	9	92	83	99	99	0	78
B	ATRAZINE DF	1.50	LAA	9						
2A»	CORVUS 2.6SC	0.114	LAA	9	97	85	98	99	0	88
B	CLARITY	0.25	LAA	9						
3A»	CORVUS 2.6SC	0.114	LAA	9	93	85	98	99	0	77
B	CLARITY	0.50	LAA	9						
4A»	BAL FLEXX 2L	0.094	LAA	9	98	93	99	99	0	90
B	ATRAZINE DF	1.50	LAA	9						
5A»	BAL FLEXX 2L	0.094	LAA	9	97	99	99	99	0	96
B	HARNESS (7EC)	1.97	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
6A»	BAL FLEXX 2L	0.094	LAA	9	94	93	99	99	0	83
B	CLARITY	0.25	LAA	9						
7A»	BAL FLEXX 2L	0.094	LAA	9	87	86	98	99	0	77
B	CLARITY	0.50	LAA	9						
8A»	LUMAX EZ 3.67S	2.96	LAA	9	92	85	99	99	0	75
9A	HARNESS XTRA	4.20	LAA	9	88	57	93	99	0	79
10A»	VERDICT 5.57L	0.78	LAA	9	99	97	99	99	0	92
11A»	CAPRENO 3.45 S	0.081	LAA	10	99	95	98	99	0	93
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	0	0	0	0	0	0
13A»	CAPRENO 3.45 S	0.081	LAA	10	98	96	98	99	0	95
B	ATRAZINE DF	0.50	LAA	10						
C»	RNDUP POWERMAX	0.77	LAA	10						
D	CLARITY	0.25	LAA	10						
E»	LIQUID AMS	2.50	PMV	10						
14A»	CAPRENO 3.45 S	0.081	LAA	10	96	95	99	99	0	88
B	ATRAZINE DF	0.50	LAA	10						
C»	RNDUP POWERMAX	0.77	LAA	10						
D	CLARITY	0.50	LAA	10						
E»	LIQUID AMS	2.50	PMV	10						
15A»	HALEX GT 4.38L	1.97	LAA	10	98	94	99	99	0	95
B	ATRAZINE DF	0.50	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
D»	LIQUID AMS	2.50	PMV	10						
LSD (0.05)					11.00	18.69	1.72	0.00	0.00	20.37
STANDARD DEVIATION					5.39	9.13	0.84	0.00	0.00	9.95

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PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR	ABUTH	CHEAL	ZEAMD	SETFA	AMBTR
		RATE	UNIT	TM	CON % 06/19/12	CON % 06/19/12	CON % 06/19/12	CON % 07/05/12	CON % 07/05/12	CON % 07/05/12
1A»	CORVUS 2.6SC	0.114	LAA	9	62	98	99	0	77	58
B	ATRAZINE DF	1.50	LAA	9						
2A»	CORVUS 2.6SC	0.114	LAA	9	76	98	99	0	87	70
B	CLARITY	0.25	LAA	9						
3A»	CORVUS 2.6SC	0.114	LAA	9	72	99	99	0	79	53
B	CLARITY	0.50	LAA	9						
4A»	BAL FLEXX 2L	0.094	LAA	9	85	98	99	0	88	81
B	ATRAZINE DF	1.50	LAA	9						
5A»	BAL FLEXX 2L	0.094	LAA	9	90	99	99	0	94	84
B	HARNESS (7EC)	1.97	LAA	9						
C	ATRAZINE DF	1.50	LAA	9						
6A»	BAL FLEXX 2L	0.094	LAA	9	72	99	99	0	79	65
B	CLARITY	0.25	LAA	9						
7A»	BAL FLEXX 2L	0.094	LAA	9	57	97	99	0	73	52
B	CLARITY	0.50	LAA	9						
8A»	LUMAX EZ 3.67S	2.96	LAA	9	71	98	99	0	75	66
9A	HARNESS XTRA	4.20	LAA	9	30	92	99	0	72	27
10A»	VERDICT 5.57L	0.78	LAA	9	85	96	98	0	86	81
11A»	CAPRENO 3.45 S	0.081	LAA	10	88	89	96	0	90	81
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	0	0	0	0	0	0
13A»	CAPRENO 3.45 S	0.081	LAA	10	94	94	99	0	93	89
B	ATRAZINE DF	0.50	LAA	10						
C»	RNDUP POWERMAX	0.77	LAA	10						
D	CLARITY	0.25	LAA	10						
E»	LIQUID AMS	2.50	PMV	10						
14A»	CAPRENO 3.45 S	0.081	LAA	10	94	94	99	0	81	90
B	ATRAZINE DF	0.50	LAA	10						
C»	RNDUP POWERMAX	0.77	LAA	10						
D	CLARITY	0.50	LAA	10						
E»	LIQUID AMS	2.50	PMV	10						
15A»	HALEX GT 4.38L	1.97	LAA	10	81	96	99	0	93	75
B	ATRAZINE DF	0.50	LAA	10						
C»	ACTIVATOR 90	0.25	PMV	10						
D»	LIQUID AMS	2.50	PMV	10						
	LSD (0.05)				29.93	3.85	1.38	0.00	24.08	31.27
	STANDARD DEVIATION				14.61	1.88	0.676	0.00	11.76	15.27

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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 RATE	UNIT	TM	ABUTH CON % 07/05/12	CHEAL CON % 07/05/12
1A»	CORVUS 2.6SC	0.114	LAA	9	90	99
B	ATRAZINE DF	1.50	LAA	9		
2A»	CORVUS 2.6SC	0.114	LAA	9	95	99
B	CLARITY	0.25	LAA	9		
3A»	CORVUS 2.6SC	0.114	LAA	9	98	99
B	CLARITY	0.50	LAA	9		
4A»	BAL FLEXX 2L	0.094	LAA	9	98	99
B	ATRAZINE DF	1.50	LAA	9		
5A»	BAL FLEXX 2L	0.094	LAA	9	99	99
B	HARNESS (7EC)	1.97	LAA	9		
C	ATRAZINE DF	1.50	LAA	9		
6A»	BAL FLEXX 2L	0.094	LAA	9	97	99
B	CLARITY	0.25	LAA	9		
7A»	BAL FLEXX 2L	0.094	LAA	9	95	99
B	CLARITY	0.50	LAA	9		
8A»	LUMAX EZ 3.67S	2.96	LAA	9	98	99
9A	HARNESS XTRA	4.20	LAA	9	80	99
10A»	VERDICT 5.57L	0.78	LAA	9	90	95
11A»	CAPRENO 3.45 S	0.081	LAA	10	73	92
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	0	0
13A»	CAPRENO 3.45 S	0.081	LAA	10	87	99
B	ATRAZINE DF	0.50	LAA	10		
C»	RNDUP POWERMAX	0.77	LAA	10		
D	CLARITY	0.25	LAA	10		
E»	LIQUID AMS	2.50	PMV	10		
14A»	CAPRENO 3.45 S	0.081	LAA	10	89	99
B	ATRAZINE DF	0.50	LAA	10		
C»	RNDUP POWERMAX	0.77	LAA	10		
D	CLARITY	0.50	LAA	10		
E»	LIQUID AMS	2.50	PMV	10		
15A»	HALEX GT 4.38L	1.97	LAA	10	94	99
B	ATRAZINE DF	0.50	LAA	10		
C»	ACTIVATOR 90	0.25	PMV	10		
D»	LIQUID AMS	2.50	PMV	10		
		LSD (0.05)			10.00	4.12
		STANDARD DEVIATION			4.90	2.00

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/26/2012(1)
 10 = ----- / VEPOST 05/18/2012(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 %	05/18/2012	01	P	ZEAMD	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
002	SETFA	CON %	05/18/2012	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	05/18/2012	03	P	AMBTR	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/18/2012	04	P	ABUTH	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/18/2012	05	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	05/28/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	05/28/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	05/28/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	05/28/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	05/28/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	06/19/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/19/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	06/19/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/19/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/19/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/05/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/05/2012	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBTR	CON %	07/05/2012	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/05/2012	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	07/05/2012	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = 84A40 3000GT

* 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

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED