

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	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/13/11	05/31/11	06/13/11	AME
AIR TEMPERATURE	83	76	72	F
% REL.HUMIDITY	54	72	55	
WIND DIRECTION	NORTHEAST	SOUTHWEST	EAST	
WIND SPEED	7.0	11.0	6.0	M/H
CLOUD COVER	OVERCAST	CLOUDY	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	WET/WET	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
CORN, DENT		---/12	---/14	
DKC62-97		2.00/3.00	7.00/8.00	IN
05/12/2011				
*** PEST ***				
VELVETLEAF		---/10	---/12	
		0.50/0.50	0.50/1.50	IN
RAGWEED, GIANT		---/10	---/14	
		0.50/1.50	1.00/3.00	IN
LAMBSQUARTERS, C		---/14	---/16	
		0.50/0.50	1.00/1.50	IN
FOXTAIL, GIANT		---/11	---/12	
		0.50/0.50	1.00/3.00	IN

* TIMING CODES

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

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF 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
14 = 4 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Systems for Weed Control in RR/LL Corn. SW-1500W
CREATED: 04/27/2011 **REVISED:** 12/19/2011 **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	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT	TM	CON % 06/02/11	CON % 06/02/11	CON % 06/02/11	CON % 06/02/11	CON % 06/02/11	CON % 06/07/11
1A»	CORVUS 2.6SC	0.114	LAA	9	0	93	60	95	99	0
B	ATRAZINE DF	1.50	LAA	9						
2A»	BAL FLEXX 2L	0.094	LAA	9	0	80	77	95	96	0
B	ATRAZINE DF	1.50	LAA	9						
3A»	A17622 3.7SC	3.24	LAA	9	0	93	63	97	99	0
4A»	CORVUS 2.6SC	0.114	LAA	11	C	C	C	C	C	0
B	ATRAZINE DF	0.50	LAA	11						
5A»	BAL FLEXX 2L	0.094	LAA	11	C	C	C	C	C	0
B	ATRAZINE DF	1.00	LAA	11						
6A»	A17622 3.7SC	2.78	LAA	11	C	C	C	C	C	0
B»	ACTIVATOR 90	0.25	PMV	11						
7A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	C	C
B»	COC	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	C	C
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
9A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	C	C
B	ATRAZINE DF	1.00	LAA	12						
C»	COC	1.00	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
10A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	C	C
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
11A»	HALEX GT 4.38L	1.97	LAA	12	C	C	C	C	C	C
B»	ACTIVATOR 90	0.25	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
12A»	HALEX GT 4.38L	1.97	LAA	12	C	C	C	C	C	C
B	ATRAZINE DF	0.50	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	TRIPLEFLEX 4.1	1.56	LAA	12	C	C	C	C	C	C
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	TRIPLEFLEX 4.1	1.56	LAA	12	C	C	C	C	C	C
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	4.37	12.00	2.84	2.24	0.00
STANDARD DEVIATION					0.00	2.14	5.86	1.39	1.10	0.00

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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 % 06/07/11	CON % 06/07/11	CON % 06/07/11	CON % 06/07/11	CON % 06/21/11	CON % 06/21/11
1A»	CORVUS 2.6SC	0.114	LAA	9	92	66	95	99	0	95
B	ATRAZINE DF	1.50	LAA	9						
2A»	BAL FLEXX 2L	0.094	LAA	9	76	95	97	99	0	77
B	ATRAZINE DF	1.50	LAA	9						
3A»	A17622 3.7SC	3.24	LAA	9	91	73	91	99	0	94
4A»	CORVUS 2.6SC	0.114	LAA	11	86	97	92	99	0	97
B	ATRAZINE DF	0.50	LAA	11						
5A»	BAL FLEXX 2L	0.094	LAA	11	87	99	93	99	0	97
B	ATRAZINE DF	1.00	LAA	11						
6A»	A17622 3.7SC	2.78	LAA	11	96	92	92	99	0	98
B»	ACTIVATOR 90	0.25	PMV	11						
7A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	3	77
B»	COC	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	1	97
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
9A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	3	88
B	ATRAZINE DF	1.00	LAA	12						
C»	COC	1.00	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
10A»	CAPRENO 3.45 S	0.081	LAA	12	C	C	C	C	1	97
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
11A»	HALEX GT 4.38L	1.97	LAA	12	C	C	C	C	0	98
B»	ACTIVATOR 90	0.25	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
12A»	HALEX GT 4.38L	1.97	LAA	12	C	C	C	C	0	99
B	ATRAZINE DF	0.50	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	TRIPLEFLEX 4.1	1.56	LAA	12	C	C	C	C	5	99
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	TRIPLEFLEX 4.1	1.56	LAA	12	C	C	C	C	9	99
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					6.75	13.13	5.48	0.00	2.00	7.75
STANDARD DEVIATION					3.30	6.41	2.67	0.00	1.00	3.78

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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 % 06/21/11	CON % 06/21/11	CON % 06/21/11	CON % 07/19/11	CON % 07/19/11	CON % 07/19/21
1A»	CORVUS 2.6SC	0.114	LAA	9	91	97	99	0	80	94
B	ATRAZINE DF	1.50	LAA	9						
2A»	BAL FLEXX 2L	0.094	LAA	9	93	96	99	0	58	93
B	ATRAZINE DF	1.50	LAA	9						
3A»	A17622 3.7SC	3.24	LAA	9	97	96	99	0	87	97
4A»	CORVUS 2.6SC	0.114	LAA	11	99	98	99	0	89	99
B	ATRAZINE DF	0.50	LAA	11						
5A»	BAL FLEXX 2L	0.094	LAA	11	99	98	99	0	92	99
B	ATRAZINE DF	1.00	LAA	11						
6A»	A17622 3.7SC	2.78	LAA	11	99	97	99	0	88	99
B»	ACTIVATOR 90	0.25	PMV	11						
7A»	CAPRENO 3.45 S	0.081	LAA	12	94	92	98	0	70	93
B»	COC	1.00	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	CAPRENO 3.45 S	0.081	LAA	12	99	98	99	0	82	99
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
9A»	CAPRENO 3.45 S	0.081	LAA	12	93	99	93	0	80	99
B	ATRAZINE DF	1.00	LAA	12						
C»	COC	1.00	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
10A»	CAPRENO 3.45 S	0.081	LAA	12	98	98	99	0	85	99
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
11A»	HALEX GT 4.38L	1.97	LAA	12	97	93	99	0	93	96
B»	ACTIVATOR 90	0.25	PMV	12						
C»	LIQUID AMS	2.50	PMV	12						
12A»	HALEX GT 4.38L	1.97	LAA	12	96	97	98	0	98	99
B	ATRAZINE DF	0.50	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	TRIPLEFLEX 4.1	1.56	LAA	12	97	97	99	0	98	96
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	TRIPLEFLEX 4.1	1.56	LAA	12	99	98	99	0	99	99
B	ATRAZINE DF	1.00	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				6.74	4.25	2.44	0.00	10.00	7.10
	STANDARD DEVIATION				3.29	2.07	1.19	0.00	4.87	3.47

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PLOT SIZE: 10.00 FT WIDE X 29.00 FT LONG
PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	CHEAL
		RATE	UNIT	TM	CON % 07/19/11	CON % 07/19/11
1A	CORVUS 2.6SC	0.114	LAA	9	95	99
B	ATRAZINE DF	1.50	LAA	9		
2A	BAL FLEXX 2L	0.094	LAA	9	95	98
B	ATRAZINE DF	1.50	LAA	9		
3A	A17622 3.7SC	3.24	LAA	9	98	99
4A	CORVUS 2.6SC	0.114	LAA	11	98	99
B	ATRAZINE DF	0.50	LAA	11		
5A	BAL FLEXX 2L	0.094	LAA	11	99	99
B	ATRAZINE DF	1.00	LAA	11		
6A	A17622 3.7SC	2.78	LAA	11	96	99
B	ACTIVATOR 90	0.25	PMV	11		
7A	CAPRENO 3.45 S	0.081	LAA	12	87	97
B	COC	1.00	PMV	12		
C	LIQUID AMS	2.50	PMV	12		
8A	CAPRENO 3.45 S	0.081	LAA	12	96	95
B	RNDUP POWERMAX	0.77	LAA	12		
C	LIQUID AMS	2.50	PMV	12		
9A	CAPRENO 3.45 S	0.081	LAA	12	99	98
B	ATRAZINE DF	1.00	LAA	12		
C	COC	1.00	PMV	12		
D	LIQUID AMS	2.50	PMV	12		
10A	CAPRENO 3.45 S	0.081	LAA	12	95	98
B	ATRAZINE DF	1.00	LAA	12		
C	RNDUP POWERMAX	0.77	LAA	12		
D	LIQUID AMS	2.50	PMV	12		
11A	HALEX GT 4.38L	1.97	LAA	12	97	99
B	ACTIVATOR 90	0.25	PMV	12		
C	LIQUID AMS	2.50	PMV	12		
12A	HALEX GT 4.38L	1.97	LAA	12	99	99
B	ATRAZINE DF	0.50	LAA	12		
C	ACTIVATOR 90	0.25	PMV	12		
D	LIQUID AMS	2.50	PMV	12		
13A	CHECK	0.00	NA	0	0	0
14A	TRIPLEFLEX 4.1	1.56	LAA	12	97	99
B	RNDUP POWERMAX	0.77	LAA	12		
C	LIQUID AMS	2.50	PMV	12		
15A	TRIPLEFLEX 4.1	1.56	LAA	12	99	99
B	ATRAZINE DF	1.00	LAA	12		
C	RNDUP POWERMAX	0.77	LAA	12		
D	LIQUID AMS	2.50	PMV	12		
		LSL (0.05)			6.28	2.66
		STANDARD DEVIATION			3.07	1.30

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/13/2011(1)
11 = ----- / EPOST 05/31/2011(2)
12 = ----- / POST 06/13/2011(3)

TITLE: Bayer 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
001	ZEAMD	CON %	06/02/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/02/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/02/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/02/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/02/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/07/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/07/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/07/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/07/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/07/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	06/21/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/21/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	06/21/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/21/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/21/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/19/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/19/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBTR	CON %	07/19/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/19/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	07/19/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DKC62-97