

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	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/05/10	06/01/10	06/10/10	AME
AIR TEMPERATURE	66	79	74	F
% REL.HUMIDITY	52	51	45	
WIND DIRECTION	WEST	SOUTH	SOUTHWEST	
WIND SPEED	10.0	5.0	3.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLOUDY	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
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		---/14	---/16	
PIONEER 0916XR		5.00/7.00	10.0/14.0	IN
05/04/2010				
*** PEST ***				
VELVETLEAF		---/12	---/13	
		0.50/2.00	1.00/3.00	IN
RAGWEED, GIANT		---/16	---/18	
		1.00/4.00	3.00/9.00	IN
LAMBSQUARTERS, C		---/16	---/18	
		0.50/1.50	0.50/1.50	IN
FOXTAIL, GIANT		---/14	---/15	
		1.00/3.00	2.00/6.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
11 = ----- / EPOST
13 = ----- / LPOST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES 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

TITLE: Bayer Weed Control Systems in RR/LL Corn. SW-1500
CREATED: 04/08/2010 **REVISED:** 10/21/2010 **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 PRE 06/01/10	SETFA PRE 06/01/10	AMBTR PRE 06/01/10	ABUTH PRE 06/01/10	CHEAL PRE 06/01/10	ZEAMD CON % 06/10/10
		RATE	UNIT	TM						
1A»	CORVUS 2.6SC	0.061	LAA	9	0	89	82	93	99	0
B»	LAUDIS 3.5SC	0.082	LAA	13						
C»	RNDUP POWERMAX	0.39	LAA	13						
D»	MISO	1.00	PMV	13						
2A»	BAL FLEXX 2L	0.094	LAA	9	0	95	90	94	99	0
B»	LAUDIS 3.5SC	0.082	LAA	13						
C»	RNDUP POWERMAX	0.39	LAA	13						
D»	MISO	1.00	PMV	13						
3A»	CORVUS 2.6SC	0.061	LAA	9	0	92	85	94	99	0
B»	LAUDIS 3.5SC	0.055	LAA	13						
C»	IGNITE 2.33SL	0.40	LAA	13						
4A»	BAL FLEXX 2L	0.047	LAA	9	0	93	68	92	99	0
B»	LAUDIS 3.5SC	0.055	LAA	13						
C»	IGNITE 2.33SL	0.40	LAA	13						
5A»	BAL FLEXX 2L	0.047	LAA	9	0	96	77	96	98	0
B»	CAPRENO 3.45 S	0.081	LAA	13						
C»	RNDUP POWERMAX	0.39	LAA	13						
D»	COC	1.00	PMV	13						
6A»	VERDICT 5.57L	0.696	LAA	9	0	99	93	97	98	0
B»	RNDUP POWERMAX	0.77	LAA	13						
C»	LIQUID AMS	2.50	PMV	13						
7A»	CORVUS 2.6SC	0.114	LAA	11	C	C	C	C	C	4
B	ATRAZINE DF	1.00	LAA	11						
8A»	BAL FLEXX 2L	0.094	LAA	11	C	C	C	C	C	5
B	ATRAZINE DF	1.00	LAA	11						
9A»	CAPRENO 3.45 S	0.081	LAA	11	C	C	C	C	C	0
B»	RNDUP POWERMAX	0.39	LAA	11						
C»	COC	1.00	PMV	11						
10A»	SURESTART 4.16	0.91	LAA	11	C	C	C	C	C	0
B»	DURANGO 4AE	0.75	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	C	C	C	C	C	0
12A»	CAPRENO 3.45 S	0.081	LAA	13	C	C	C	C	C	C
B»	RNDUP POWERMAX	0.39	LAA	13						
C»	COC	1.00	PMV	13						
	LSD (0.05)				0.00	4.88	9.37	2.35	0.717	1.09
	STANDARD DEVIATION				0.00	2.35	4.52	1.13	0.346	0.525

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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 % 06/10/10	CON % 06/10/10	CON % 06/10/10	CON % 06/10/10	CON % 06/21/10	CON % 06/21/10
1A	CORVUS 2.6SC	0.061	LAA	9	83	73	87	99	0	98
B	LAUDIS 3.5SC	0.082	LAA	13						
C	RNDUP POWERMAX	0.39	LAA	13						
D	MISO	1.00	PMV	13						
2A	BAL FLEXX 2L	0.094	LAA	9	92	82	95	99	0	99
B	LAUDIS 3.5SC	0.082	LAA	13						
C	RNDUP POWERMAX	0.39	LAA	13						
D	MISO	1.00	PMV	13						
3A	CORVUS 2.6SC	0.061	LAA	9	83	73	94	98	0	99
B	LAUDIS 3.5SC	0.055	LAA	13						
C	IGNITE 2.33SL	0.40	LAA	13						
4A	BAL FLEXX 2L	0.047	LAA	9	90	50	88	98	0	99
B	LAUDIS 3.5SC	0.055	LAA	13						
C	IGNITE 2.33SL	0.40	LAA	13						
5A	BAL FLEXX 2L	0.047	LAA	9	92	55	88	98	0	98
B	CAPRENO 3.45 S	0.081	LAA	13						
C	RNDUP POWERMAX	0.39	LAA	13						
D	COC	1.00	PMV	13						
6A	VERDICT 5.57L	0.696	LAA	9	97	85	92	94	0	99
B	RNDUP POWERMAX	0.77	LAA	13						
C	LIQUID AMS	2.50	PMV	13						
7A	CORVUS 2.6SC	0.114	LAA	11	78	95	99	96	0	78
B	ATRAZINE DF	1.00	LAA	11						
8A	BAL FLEXX 2L	0.094	LAA	11	72	95	99	96	0	87
B	ATRAZINE DF	1.00	LAA	11						
9A	CAPRENO 3.45 S	0.081	LAA	11	86	83	96	84	0	97
B	RNDUP POWERMAX	0.39	LAA	11						
C	COC	1.00	PMV	11						
10A	SURESTART 4.16	0.91	LAA	11	99	97	98	93	0	98
B	DURANGO 4AE	0.75	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	CAPRENO 3.45 S	0.081	LAA	13	C	C	C	C	0	84
B	RNDUP POWERMAX	0.39	LAA	13						
C	COC	1.00	PMV	13						
LSD (0.05)					7.31	14.12	4.76	4.73	0.00	3.52
STANDARD DEVIATION					3.52	6.81	2.30	2.28	0.00	1.70

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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 % 06/21/10	CON % 06/21/10	CON % 06/21/10	CON % 07/07/10	CON % 07/07/10	CON % 07/07/10	
1A	CORVUS 2.6SC	0.061	LAA	9	96	99	99	0	97	99	
B	LAUDIS 3.5SC	0.082	LAA	13							
C	RNDUP POWERMAX	0.39	LAA	13							
D	MISO	1.00	PMV	13							
2A	BAL FLEXX 2L	0.094	LAA	9	98	99	99	0	99	99	
B	LAUDIS 3.5SC	0.082	LAA	13							
C	RNDUP POWERMAX	0.39	LAA	13							
D	MISO	1.00	PMV	13							
3A	CORVUS 2.6SC	0.061	LAA	9	98	99	99	0	99	98	
B	LAUDIS 3.5SC	0.055	LAA	13							
C	IGNITE 2.33SL	0.40	LAA	13							
4A	BAL FLEXX 2L	0.047	LAA	9	96	99	99	0	98	96	
B	LAUDIS 3.5SC	0.055	LAA	13							
C	IGNITE 2.33SL	0.40	LAA	13							
5A	BAL FLEXX 2L	0.047	LAA	9	90	97	99	0	99	95	
B	CAPRENO 3.45 S	0.081	LAA	13							
C	RNDUP POWERMAX	0.39	LAA	13							
D	COC	1.00	PMV	13							
6A	VERDICT 5.57L	0.696	LAA	9	98	98	99	0	99	96	
B	RNDUP POWERMAX	0.77	LAA	13							
C	LIQUID AMS	2.50	PMV	13							
7A	CORVUS 2.6SC	0.114	LAA	11	98	99	98	0	58	98	
B	ATRAZINE DF	1.00	LAA	11							
8A	BAL FLEXX 2L	0.094	LAA	11	99	99	99	0	82	99	
B	ATRAZINE DF	1.00	LAA	11							
9A	CAPRENO 3.45 S	0.081	LAA	11	94	97	94	0	92	86	
B	RNDUP POWERMAX	0.39	LAA	11							
C	COC	1.00	PMV	11							
10A	SURESTART 4.16	0.91	LAA	11	96	97	96	0	99	88	
B	DURANGO 4AE	0.75	LAA	11							
C	LIQUID AMS	2.50	PMV	11							
11A	CHECK	0.00	NA	0	0	0	0	0	0	0	
12A	CAPRENO 3.45 S	0.081	LAA	13	80	89	84	0	94	92	
B	RNDUP POWERMAX	0.39	LAA	13							
C	COC	1.00	PMV	13							
					LSD (0.05)	5.59	1.61	2.28	0.00	7.10	9.86
					STANDARD DEVIATION	2.70	0.774	1.10	0.00	3.42	4.76

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PLOT AREA: 290.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 07/07/10	CHEAL CON % 07/07/10	YIELD BU/A 10/08/10	
		RATE	UNIT	TM				
1A	CORVUS 2.6SC	0.061	LAA	9	99	99	187.0	
B	LAUDIS 3.5SC	0.082	LAA	13				
C	RNDUP POWERMAX	0.39	LAA	13				
D	MISO	1.00	PMV	13				
2A	BAL FLEXX 2L	0.094	LAA	9	99	99	189.0	
B	LAUDIS 3.5SC	0.082	LAA	13				
C	RNDUP POWERMAX	0.39	LAA	13				
D	MISO	1.00	PMV	13				
3A	CORVUS 2.6SC	0.061	LAA	9	99	99	190.0	
B	LAUDIS 3.5SC	0.055	LAA	13				
C	IGNITE 2.33SL	0.40	LAA	13				
4A	BAL FLEXX 2L	0.047	LAA	9	99	99	200.0	
B	LAUDIS 3.5SC	0.055	LAA	13				
C	IGNITE 2.33SL	0.40	LAA	13				
5A	BAL FLEXX 2L	0.047	LAA	9	98	99	188.0	
B	CAPRENO 3.45 S	0.081	LAA	13				
C	RNDUP POWERMAX	0.39	LAA	13				
D	COC	1.00	PMV	13				
6A	VERDICT 5.57L	0.696	LAA	9	98	98	198.0	
B	RNDUP POWERMAX	0.77	LAA	13				
C	LIQUID AMS	2.50	PMV	13				
7A	CORVUS 2.6SC	0.114	LAA	11	99	98	200.0	
B	ATRAZINE DF	1.00	LAA	11				
8A	BAL FLEXX 2L	0.094	LAA	11	99	99	201.0	
B	ATRAZINE DF	1.00	LAA	11				
9A	CAPRENO 3.45 S	0.081	LAA	11	97	88	180.0	
B	RNDUP POWERMAX	0.39	LAA	11				
C	COC	1.00	PMV	11				
10A	SURESTART 4.16	0.91	LAA	11	98	87	193.0	
B	DURANGO 4AE	0.75	LAA	11				
C	LIQUID AMS	2.50	PMV	11				
11A	CHECK	0.00	NA	0	0	0	19.0	
12A	CAPRENO 3.45 S	0.081	LAA	13	75	78	194.0	
B	RNDUP POWERMAX	0.39	LAA	13				
C	COC	1.00	PMV	13				
					LSD (0.05)	2.87	6.26	17.53
					STANDARD DEVIATION	1.38	3.00	8.45

>> = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/05/2010(1)
 11 = ----- / EPOST 06/01/2010(2)
 13 = ----- / LPOST 06/10/2010(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	PRE	06/01/2010	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	PRE	06/01/2010	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	PRE	06/01/2010	03	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	PRE	06/01/2010	04	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Bayer Weed Control Systems in RR/LL Corn. SW-1500

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
005	CHEAL	PRE	06/01/2010	05	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/10/2010	01	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/10/2010	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/10/2010	03	P	AMBTR	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/10/2010	04	P	ABUTH	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/10/2010	05	P	CHEAL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	06/21/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	06/21/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	06/21/2010	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	06/21/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/21/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/07/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/07/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMBTR	CON %	07/07/2010	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/07/2010	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	07/07/2010	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/08/2010	01	P	ZEAMD		RAW	---	YLD	---	---	0.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = PIONEER 0916XR

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
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