

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.2
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/13/11	06/13/11	AME
AIR TEMPERATURE	84	72	F
% REL.HUMIDITY	54	55	
WIND DIRECTION	NORTHEAST	EAST	
WIND SPEED	6.0	6.0	M/H
CLOUD COVER	OVERCAST	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
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		---/14	
P33W84RRL		7.00/8.00	IN
05/12/2011			
*** PEST ***			
VELVETLEAF		---/12	
		0.50/1.00	IN
RAGWEED, GIANT		---/16	
		2.00/4.00	IN
LAMBSQUARTERS, C		---/18	
		0.50/1.50	IN
FOXTAIL, GIANT		---/14	
		2.00/3.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W
CREATED: 04/27/2011 **REVISED:** 11/11/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON %	SETFA CON %	AMBTR CON %	ABUTH CON %	CHEAL CON %	ZEAMD CON %
		RATE	UNIT TM	06/13/11	06/13/11	06/13/11	06/13/11	06/13/11	06/24/11
1A»	CORVUS 2.6SC	0.061	LAA 9	0	96	60	99	99	3
	B ATRAZINE DF	1.00	LAA 9						
	C»LAUDIS 3.5SC	0.082	LAA 12						
	D»MSO	1.00	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
2A»	CORVUS 2.6SC	0.061	LAA 9	0	94	53	99	99	2
	B ATRAZINE DF	1.00	LAA 9						
	C»LAUDIS 3.5SC	0.082	LAA 12						
	D»RNDUP POWERMAX	0.77	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
3A»	CORVUS 2.6SC	0.061	LAA 9	0	99	67	98	99	6
	B ATRAZINE DF	1.00	LAA 9						
	C»IGNITE 2.33SL	0.40	LAA 12						
	D»LIQUID AMS	5.00	PMV 12						
4A»	CORVUS 2.6SC	0.061	LAA 9	0	98	66	98	98	1
	B ATRAZINE DF	1.00	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
5A»	CORVUS 2.6SC	0.061	LAA 9	0	97	63	98	99	2
	B ATRAZINE DF	1.00	LAA 9						
	C»CAPRENO 3.45 S	0.081	LAA 12						
	D»COC	1.00	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
6A»	BAL FLEXX 2L	0.047	LAA 9	0	94	63	98	98	6
	B ATRAZINE DF	1.00	LAA 9						
	C»IGNITE 2.33SL	0.40	LAA 12						
	D»LIQUID AMS	5.00	PMV 12						
7A»	BAL FLEXX 2L	0.047	LAA 9	0	96	57	97	98	2
	B ATRAZINE DF	1.00	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
8A»	BAL FLEXX 2L	0.047	LAA 9	0	90	50	96	98	3
	B ATRAZINE DF	1.00	LAA 9						
	C»CAPRENO 3.45 S	0.081	LAA 12						
	D»COC	1.00	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
9A»	BAL FLEXX 2L	0.047	LAA 9	0	97	78	99	99	0
	B ATRAZINE DF	1.00	LAA 9						
	C»LAUDIS 3.5SC	0.082	LAA 12						
	D»MSO	1.00	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
10A»	A17622 3.7SC	1.48	LAA 9	0	96	60	98	98	0
	B»TOUCHDN TOTAL	0.78	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
11A»	A17622 3.7SC	1.48	LAA 9	0	87	47	98	99	0
	B»HALEX GT 4.38L	1.97	LAA 12						
	C»ACTIVATOR 90	0.25	PMV 12						
	D»LIQUID AMS	2.50	PMV 12						
12A	HARNESS XTRA	2.10	LAA 9	0	97	43	95	99	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»LIQUID AMS	2.50	PMV 12						
13A»	VERDICT 5.57L	0.57	LAA 9	0	98	72	99	99	0
	B»RNDUP POWERMAX	0.77	LAA 12						
	C»STATUS 56DG	0.088	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						

TITLE: Bayer Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
		RATE	UNIT	TM	CON % 06/13/11	CON % 06/13/11	CON % 06/13/11	CON % 06/13/11	CON % 06/13/11	CON % 06/24/11
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	CINCH ATZ	1.38	LAA	9	0	98	62	98	99	1
	B RESOLVE 25DF	0.019	LAA	12						
	C»ISOXADIFEN-ETH	0.0094	LAA	12						
	D»MESOTRIONE 45W	0.078	LAA	12						
	E»ABUNDIT EXTRA	0.75	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	RESOLVE 25DF	0.023	LAA	9	0	90	47	97	99	0
	B»MESOTRIONE 45W	0.14	LAA	9						
	C ATRAZINE DF	1.00	LAA	9						
	D»ABUNDIT EXTRA	0.75	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	6.44	27.38	3.18	1.06	1.80
		STANDARD DEVIATION			0.00	3.15	13.41	1.56	0.52	0.881

TITLE: Bayer Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W
CREATED: 04/27/2011 **REVISED:** 11/11/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/24/11	CON % 06/24/11	CON % 06/24/11	CON % 06/24/11	CON % 07/13/11	CON % 07/13/11
1A»	CORVUS 2.6SC	0.061	LAA	9	97	98	99	99	0	92
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
2A»	CORVUS 2.6SC	0.061	LAA	9	98	92	99	99	0	95
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»RNDUP POWERMAX	0.77	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
3A»	CORVUS 2.6SC	0.061	LAA	9	97	96	99	99	0	86
	B ATRAZINE DF	1.00	LAA	9						
	C»IGNITE 2.33SL	0.40	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
4A»	CORVUS 2.6SC	0.061	LAA	9	98	93	99	99	0	92
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
5A»	CORVUS 2.6SC	0.061	LAA	9	99	93	99	99	0	98
	B ATRAZINE DF	1.00	LAA	9						
	C»CAPRENO 3.45 S	0.081	LAA	12						
	D»COC	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
6A»	BAL FLEXX 2L	0.047	LAA	9	98	95	99	96	0	92
	B ATRAZINE DF	1.00	LAA	9						
	C»IGNITE 2.33SL	0.40	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
7A»	BAL FLEXX 2L	0.047	LAA	9	99	96	99	99	0	92
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
8A»	BAL FLEXX 2L	0.047	LAA	9	94	92	99	98	0	89
	B ATRAZINE DF	1.00	LAA	9						
	C»CAPRENO 3.45 S	0.081	LAA	12						
	D»COC	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
9A»	BAL FLEXX 2L	0.047	LAA	9	99	97	99	99	0	98
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»MSO	1.00	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
10A»	A17622 3.7SC	1.48	LAA	9	98	96	99	99	0	96
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A»	A17622 3.7SC	1.48	LAA	9	99	98	99	99	0	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	HARNESS XTRA	2.10	LAA	9	96	88	99	99	0	94
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	VERDICT 5.57L	0.57	LAA	9	99	96	98	99	0	96
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						

TITLE: Bayer Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	AMBTR	ABUTH	CHEAL	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/24/11	CON % 06/24/11	CON % 06/24/11	CON % 06/24/11	CON % 07/13/11	CON % 07/13/11
14A	CHECK	0.00	NA	0	0	0	0	0	0	0
15A	CINCH ATZ	1.38	LAA	9	99	95	99	99	0	99
	B RESOLVE 25DF	0.019	LAA	12						
	C»ISOXADIFEN-ETH	0.0094	LAA	12						
	D»MESOTRIONE 45W	0.078	LAA	12						
	E»ABUNDIT EXTRA	0.75	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
16A	RESOLVE 25DF	0.023	LAA	9	97	85	97	98	0	89
	B»MESOTRIONE 45W	0.14	LAA	9						
	C ATRAZINE DF	1.00	LAA	9						
	D»ABUNDIT EXTRA	0.75	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			3.00	5.74	0.881	2.34	0.00	6.80
		STANDARD DEVIATION			1.44	2.81	0.431	1.14	0.00	3.33

TITLE: Bayer Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W
CREATED: 04/27/2011 **REVISED:** 11/11/2011 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG
PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 07/13/11	ABUTH CON % 07/13/11	CHEAL CON % 07/13/11	YIELD BU/A 10/17/11
		RATE	UNIT	TM				
1A»	CORVUS 2.6SC	0.061	LAA	9	94	99	99	224.0
	B ATRAZINE DF	1.00	LAA	9				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
2A»	CORVUS 2.6SC	0.061	LAA	9	85	99	99	205.0
	B ATRAZINE DF	1.00	LAA	9				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D»RNDUP POWERMAX	0.77	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
3A»	CORVUS 2.6SC	0.061	LAA	9	94	98	99	206.0
	B ATRAZINE DF	1.00	LAA	9				
	C»IGNITE 2.33SL	0.40	LAA	12				
	D»LIQUID AMS	5.00	PMV	12				
4A»	CORVUS 2.6SC	0.061	LAA	9	87	99	96	221.0
	B ATRAZINE DF	1.00	LAA	9				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
5A»	CORVUS 2.6SC	0.061	LAA	9	88	99	99	208.0
	B ATRAZINE DF	1.00	LAA	9				
	C»CAPRENO 3.45 S	0.081	LAA	12				
	D»COC	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
6A»	BAL FLEXX 2L	0.047	LAA	9	88	99	89	222.0
	B ATRAZINE DF	1.00	LAA	9				
	C»IGNITE 2.33SL	0.40	LAA	12				
	D»LIQUID AMS	5.00	PMV	12				
7A»	BAL FLEXX 2L	0.047	LAA	9	92	99	97	209.0
	B ATRAZINE DF	1.00	LAA	9				
	C»RNDUP POWERMAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
8A»	BAL FLEXX 2L	0.047	LAA	9	86	99	98	215.0
	B ATRAZINE DF	1.00	LAA	9				
	C»CAPRENO 3.45 S	0.081	LAA	12				
	D»COC	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
9A»	BAL FLEXX 2L	0.047	LAA	9	97	99	99	211.0
	B ATRAZINE DF	1.00	LAA	9				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D»MSO	1.00	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
10A»	A17622 3.7SC	1.48	LAA	9	91	99	99	212.0
	B»TOUCHDN TOTAL	0.78	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
11A»	A17622 3.7SC	1.48	LAA	9	99	99	99	209.0
	B»HALEX GT 4.38L	1.97	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
12A	HARNESS XTRA	2.10	LAA	9	78	99	96	205.0
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
13A»	VERDICT 5.57L	0.57	LAA	9	88	99	99	216.0
	B»RNDUP POWERMAX	0.77	LAA	12				
	C»STATUS 56DG	0.088	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				

TITLE: Bayer Sequential Herbicide Systems for Weed Control in RR/LL Corn. SW-1600W

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMBTR CON % 07/13/11	ABUTH CON % 07/13/11	CHEAL CON % 07/13/11	YIELD BU/A 10/17/11
14A CHECK	0.00	NA	0	0	0	0	211.0
15A CINCH ATZ	1.38	LAA	9	95	99	99	204.0
B RESOLVE 25DF	0.019	LAA	12				
C»ISOXADIFEN-ETH	0.0094	LAA	12				
D»MESOTRIONE 45W	0.078	LAA	12				
E»ABUNDIT EXTRA	0.75	PMV	12				
F»LIQUID AMS	2.50	PMV	12				
16A RESOLVE 25DF	0.023	LAA	9	75	88	90	207.0
B»MESOTRIONE 45W	0.14	LAA	9				
C ATRAZINE DF	1.00	LAA	9				
D»ABUNDIT EXTRA	0.75	PMV	12				
E»LIQUID AMS	2.50	PMV	12				
LSD (0.05)				14.86	3.19	4.37	18.10
STANDARD DEVIATION				7.28	1.56	2.14	8.86

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

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

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/13/2011	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/13/2011	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/13/2011	03	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/13/2011	04	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/13/2011	05	P	CHEAL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/24/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/24/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/24/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/24/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/24/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/13/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/13/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	07/13/2011	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/13/2011	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/13/2011	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	YIELD	BU/A	10/17/2011	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 = P33W84RRL

* STAGE CODE
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED