

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 29 FEET
 PLOT AREA: 217.5 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/20/15	06/16/15	06/30/15	AME
AIR TEMPERATURE	54	78	71	F
% REL.HUMIDITY	50	74	52	
WIND DIRECTION	EAST	NOT APPLI	NORTHWEST	
WIND SPEED	6.0	0.0	7.0	M/H
CLOUD COVER	CLOUDY--6	PAR.CLOUD	PAR.CLOUD	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	TO BE SEL	TO BE SEL	TO BE SEL	
FOLIAGE HEIGHT				FT
FOLIAGE WIDTH				FT
ROW WIDTH				FT
SPRAY VOL LWA/TRV				
S VOL LWA/TRV UNIT				
LEAF WALL AREA				M2H
TREE ROW VOLUME				M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *				
P, CORN, DENT N60F-3111 RR/LL (PLANTED) 05/20/2015		---/13 8.00/8.00 27 DAP	---/16 18.0/24.0 41 DAP	IN
PEST *				
P, VELVETLEAF		---/14 2.00/4.00	---/16 3.00/5.00	IN
P, RAGWEED, GIANT		---/15 3.00/8.00	---/16 2.00/16.0	IN
P, LAMBSQUARTERS, C		---/16 1.00/1.00	---/18 1.00/2.00	IN
P, FOXTAIL, GIANT		---/13 1.00/3.00	---/14 1.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

13 = 3 LEAVES UNFOLDED

* STAGE CODE

13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 10/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	ABUTH	AMBTR	ZEAMD
		RATE	UNIT	TM	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 07/10/15
1A»	CORVUS 2.6SC	0.114	LAA	9	0	94	99	99	91	0
B	ATRAZINE DF	1.50	LAA	9						
2A»	ACURON 3.44 ZC	2.57	LAA	9	0	99	99	99	94	0
3A»	VERDICT 5.57L	0.78	LAA	9	0	98	99	99	97	0
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	0	99	99	99	89	0
B»	PREQUEL 45WG	0.047	LAA	0						
C	RESOLVE 25DF	0.016	LAA	9						
D»	ISOXAFLUTOLE 7	0.031	LAA	9						
5A»	RNDUP POWERMAX	1.125	LAA	11	2	99	99	99	99	0
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
6A»	HALEX GT 4.38L	1.97	LAA	11	0	99	99	99	97	0
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
7A»	RNDUP POWERMAX	1.125	LAA	11	0	99	99	99	99	0
B»	WARRANT 3L	1.125	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						
8A»	ABUNDIT EXTRA	1.00	LAA	11	0	99	99	99	99	0
B»	REALM Q	4.00	OMA	0						
C	RESOLVE 25DF	0.0188	LAA	11						
D»	MESOTRIONE 50W	0.078	LAA	11						
E»	ISOXADIFEN-ETH	0.0094	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						
9A	HARNESS XTRA	2.24	LAA	11	0	99	99	99	99	0
B	IMPACT 2.8SC	0.022	LAA	11						
C»	MSO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
10A»	ACURON 3.44 ZC	1.72	LAA	11	0	99	99	99	98	0
B»	TOUCHDN TOTAL	0.98	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
11A»	CORVUS 2.6SC	0.061	LAA	9	0	98	99	99	84	0
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.375	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
12A»	CORVUS 2.6SC	0.061	LAA	9	1	96	99	99	83	0
B»	CAPRENO 3.45 S	0.081	LAA	12						
C	ATRAZINE DF	1.00	LAA	12						
D»	COC	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
13A»	ACURON 3.44 ZC	1.29	LAA	9	0	99	99	99	85	0
B»	HALEX GT 4.38L	1.97	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	ABUTH	AMBTR	ZEAMD
		RATE	UNIT		CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 06/30/15	CON % 07/10/15
14A»	VERDICT 5.57L	0.696	LAA	9	4	99	99	99	99	0
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	INSTIGATE	6.00	OMA	0	0	63	99	99	58	0
	B RESOLVE 25DF	0.016	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D ATRAZINE DF	1.00	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.00	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
16A»	KEYSTONE NXT 5	3.15	LAA	9	0	99	99	91	82	0
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	2.80	LAA	9	0	99	99	80	67	0
	B»RNDUP POWERMAX	1.125	LAA	12						
	C IMPACT 2.8SC	0.022	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	HARNESS XTRA	2.24	LAA	9	0	99	99	71	58	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						
20A	HARNESS XTRA	2.24	LAA	9	0	99	99	80	70	0
	B IMPACT 2.8SC	0.016	LAA	12						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
21A	HARNESS XTRA	2.24	LAA	9	0	99	99	80	78	0
	B IMPACT 2.8SC	0.016	LAA	12						
	C»STATUS 56DG	0.105	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			1.91	5.87	0.00	6.82	13.00	0.00
		STANDARD DEVIATION			0.946	2.90	0.00	3.38	6.42	0.00

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W
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PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 07/10/15	CHEAL CON % 07/10/15	ABUTH CON % 07/10/15	SETFA CON % 07/10/15	ZEAMD CON % 07/20/15	SETFA CON % 07/20/15
		RATE	UNIT	TM						
1A»	CORVUS 2.6SC	0.114	LAA	9	91	99	99	93	0	92
B	ATRAZINE DF	1.50	LAA	9						
2A»	ACURON 3.44 ZC	2.57	LAA	9	94	99	99	99	0	96
3A»	VERDICT 5.57L	0.78	LAA	9	97	99	99	98	0	99
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	89	99	99	99	0	99
B»	PREQUEL 45WG	0.047	LAA	0						
C	RESOLVE 25DF	0.016	LAA	9						
D»	ISOXAFLOTOLE 7	0.031	LAA	9						
5A»	RNDUP POWERMAX	1.125	LAA	11	99	99	99	99	0	99
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
6A»	HALEX GT 4.38L	1.97	LAA	11	99	99	99	99	0	99
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
7A»	RNDUP POWERMAX	1.125	LAA	11	99	99	99	99	0	98
B»	WARRANT 3L	1.125	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						
8A»	ABUNDIT EXTRA	1.00	LAA	11	99	99	99	99	0	99
B»	REALM Q	4.00	OMA	0						
C	RESOLVE 25DF	0.0188	LAA	11						
D»	MESOTRIONE 50W	0.078	LAA	11						
E»	ISOXADIFEN-ETH	0.0094	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						
9A	HARNESS XTRA	2.24	LAA	11	99	99	99	99	0	99
B	IMPACT 2.8SC	0.022	LAA	11						
C»	MSO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
10A»	ACURON 3.44 ZC	1.72	LAA	11	99	99	99	99	0	99
B»	TOUCHDN TOTAL	0.98	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
11A»	CORVUS 2.6SC	0.061	LAA	9	99	99	99	99	0	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.375	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
12A»	CORVUS 2.6SC	0.061	LAA	9	99	99	99	99	0	99
B»	CAPRENO 3.45 S	0.081	LAA	12						
C	ATRAZINE DF	1.00	LAA	12						
D»	COC	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
13A»	ACURON 3.44 ZC	1.29	LAA	9	99	99	99	99	0	99
B»	HALEX GT 4.38L	1.97	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	CHEAL	ABUTH	SETFA	ZEAMD	SETFA
		RATE	UNIT		CON % 07/10/15	CON % 07/10/15	CON % 07/10/15	CON % 07/10/15	CON % 07/20/15	CON % 07/20/15
14A»	VERDICT 5.57L	0.696	LAA	9	99	99	99	99	0	99
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	INSTIGATE	6.00	OMA	0	96	99	99	99	0	99
	B RESOLVE 25DF	0.016	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D ATRAZINE DF	1.00	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.00	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
16A»	KEYSTONE NXT 5	3.15	LAA	9	96	99	99	99	0	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	2.80	LAA	9	96	99	99	99	0	99
	B»RNDUP POWERMAX	1.125	LAA	12						
	C IMPACT 2.8SC	0.022	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	HARNESS XTRA	2.24	LAA	9	99	99	99	99	0	99
	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						
20A	HARNESS XTRA	2.24	LAA	9	98	99	99	99	0	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
21A	HARNESS XTRA	2.24	LAA	9	99	99	99	99	0	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C»STATUS 56DG	0.105	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			4.00	0.00	0.00	2.00	0.00	4.24
		STANDARD DEVIATION			2.00	0.00	0.00	1.00	0.00	2.10

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LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ABUTH	AMBTR	ZEAMD	SETFA	CHEAL
		RATE	UNIT	TM	CON % 07/20/15	CON % 07/20/15	CON % 07/20/15	CON % 07/30/15	CON % 07/30/15	CON % 07/30/15
1A»	CORVUS 2.6SC	0.114	LAA	9	99	99	94	0	92	99
B	ATRAZINE DF	1.50	LAA	9						
2A»	ACURON 3.44 ZC	2.57	LAA	9	99	99	93	0	96	99
3A»	VERDICT 5.57L	0.78	LAA	9	99	99	98	0	99	99
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	99	99	98	0	99	99
B»	PREQUEL 45WG	0.047	LAA	0						
C	RESOLVE 25DF	0.016	LAA	9						
D»	ISOXAFLUTOLE 7	0.031	LAA	9						
5A»	RNDUP POWERMAX	1.125	LAA	11	99	99	99	0	99	99
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
6A»	HALEX GT 4.38L	1.97	LAA	11	99	99	99	0	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
7A»	RNDUP POWERMAX	1.125	LAA	11	99	99	99	0	98	99
B»	WARRANT 3L	1.125	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						
8A»	ABUNDIT EXTRA	1.00	LAA	11	99	99	99	0	99	99
B»	REALM Q	4.00	OMA	0						
C	RESOLVE 25DF	0.0188	LAA	11						
D»	MESOTRIONE 50W	0.078	LAA	11						
E»	ISOXADIFEN-ETH	0.0094	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						
9A	HARNESS XTRA	2.24	LAA	11	99	99	99	0	99	99
B	IMPACT 2.8SC	0.022	LAA	11						
C»	MSO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
10A»	ACURON 3.44 ZC	1.72	LAA	11	99	99	99	0	99	99
B»	TOUCHDN TOTAL	0.98	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
11A»	CORVUS 2.6SC	0.061	LAA	9	99	99	99	0	99	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.375	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
12A»	CORVUS 2.6SC	0.061	LAA	9	99	99	99	0	99	99
B»	CAPRENO 3.45 S	0.081	LAA	12						
C	ATRAZINE DF	1.00	LAA	12						
D»	COC	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
13A»	ACURON 3.44 ZC	1.29	LAA	9	99	99	99	0	99	99
B»	HALEX GT 4.38L	1.97	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	ABUTH	AMBTR	ZEAMD	SETFA	CHEAL
		RATE	UNIT		CON % 07/20/15	CON % 07/20/15	CON % 07/20/15	CON % 07/30/15	CON % 07/30/15	CON % 07/30/15
14A»	VERDICT 5.57L	0.696	LAA	9	99	99	99	0	99	99
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	INSTIGATE	6.00	OMA	0	99	99	99	0	99	99
	B RESOLVE 25DF	0.016	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D ATRAZINE DF	1.00	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.00	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
16A»	KEYSTONE NXT 5	3.15	LAA	9	99	99	99	0	99	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	2.80	LAA	9	99	99	99	0	99	99
	B»RNDUP POWERMAX	1.125	LAA	12						
	C IMPACT 2.8SC	0.022	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	HARNESS XTRA	2.24	LAA	9	99	99	99	0	99	99
	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						
20A	HARNESS XTRA	2.24	LAA	9	99	99	99	0	99	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
21A	HARNESS XTRA	2.24	LAA	9	99	99	99	0	99	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C»STATUS 56DG	0.105	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	0.208	4.81	0.00	4.32	0.00
		STANDARD DEVIATION			0.00	0.103	2.38	0.00	2.14	0.00

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 10/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 07/30/15	AMBTR CON % 07/30/15	ZEAMD CON % 08/28/15	SETFA CON % 08/28/15	CHEAL CON % 08/28/15	ABUTH CON % 08/28/15
		RATE	UNIT	TM						
1A»	CORVUS 2.6SC	0.114	LAA	9	99	92	0	91	99	99
B	ATRAZINE DF	1.50	LAA	9						
2A»	ACURON 3.44 ZC	2.57	LAA	9	99	93	0	98	99	99
3A»	VERDICT 5.57L	0.78	LAA	9	99	97	0	98	99	99
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	99	97	0	98	99	99
B»	PREQUEL 45WG	0.047	LAA	0						
C	RESOLVE 25DF	0.016	LAA	9						
D»	ISOXAFLOTOLE 7	0.031	LAA	9						
5A»	RNDUP POWERMAX	1.125	LAA	11	99	99	0	99	99	99
B»	CAPRENO 3.45 S	0.081	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
6A»	HALEX GT 4.38L	1.97	LAA	11	99	98	0	99	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
7A»	RNDUP POWERMAX	1.125	LAA	11	99	98	0	98	99	99
B»	WARRANT 3L	1.125	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						
8A»	ABUNDIT EXTRA	1.00	LAA	11	98	99	0	99	99	98
B»	REALM Q	4.00	OMA	0						
C	RESOLVE 25DF	0.0188	LAA	11						
D»	MESOTRIONE 50W	0.078	LAA	11						
E»	ISOXADIFEN-ETH	0.0094	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						
9A	HARNES XTRA	2.24	LAA	11	99	99	0	99	99	99
B	IMPACT 2.8SC	0.022	LAA	11						
C»	MSO	0.50	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
10A»	ACURON 3.44 ZC	1.72	LAA	11	99	98	0	99	99	99
B»	TOUCHDN TOTAL	0.98	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
11A»	CORVUS 2.6SC	0.061	LAA	9	99	99	0	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.375	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
12A»	CORVUS 2.6SC	0.061	LAA	9	99	99	0	99	99	99
B»	CAPRENO 3.45 S	0.081	LAA	12						
C	ATRAZINE DF	1.00	LAA	12						
D»	COC	1.00	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
13A»	ACURON 3.44 ZC	1.29	LAA	9	99	99	0	99	99	99
B»	HALEX GT 4.38L	1.97	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 07/30/15	AMBTR CON % 07/30/15	ZEAMD CON % 08/28/15	SETFA CON % 08/28/15	CHEAL CON % 08/28/15	ABUTH CON % 08/28/15
		RATE	UNIT	TM						
14A»	VERDICT 5.57L	0.696	LAA	9	99	99	0	99	99	99
	B»RNDUP POWERMAX	1.125	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
15A»	INSTIGATE	6.00	OMA	0	99	99	0	99	99	99
	B RESOLVE 25DF	0.016	LAA	9						
	C»MESOTRIONE 50W	0.156	LAA	9						
	D ATRAZINE DF	1.00	LAA	9						
	E»REALM Q	4.00	OMA	0						
	F RESOLVE 25DF	0.0188	LAA	12						
	G»MESOTRIONE 50W	0.078	LAA	12						
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.00	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
16A»	KEYSTONE NXT 5	3.15	LAA	9	99	99	0	99	99	99
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	2.80	LAA	9	99	99	0	99	99	99
	B»RNDUP POWERMAX	1.125	LAA	12						
	C IMPACT 2.8SC	0.022	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	HARNESS XTRA	2.24	LAA	9	99	99	0	99	99	99
	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						
20A	HARNESS XTRA	2.24	LAA	9	99	99	0	99	99	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	0.50	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
21A	HARNESS XTRA	2.24	LAA	9	99	99	0	99	99	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C»STATUS 56DG	0.105	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.862	5.78	0.00	4.00	0.00	0.832
		STANDARD DEVIATION			0.427	2.86	0.00	2.00	0.00	0.411

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W
CREATED: 04/21/2015 **REVISED:** 10/06/2015 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBTR CON % 08/28/15
		RATE	UNIT	TM	
1A	CORVUS 2.6SC	0.114	LAA	9	91
B	ATRAZINE DF	1.50	LAA	9	
2A	ACURON 3.44 ZC	2.57	LAA	9	94
3A	VERDICT 5.57L	0.78	LAA	9	95
B	ATRAZINE DF	1.50	LAA	9	
4A	BKFREE NXT ATZ	2.80	LAA	9	93
B	PREQUEL 45WG	0.047	LAA	0	
C	RESOLVE 25DF	0.016	LAA	9	
D	ISOXAFLUTOLE 7	0.031	LAA	9	
5A	RNDUP POWERMAX	1.125	LAA	11	99
B	CAPRENO 3.45 S	0.081	LAA	11	
C	ATRAZINE DF	1.00	LAA	11	
D	LIQUID AMS	2.50	PMV	11	
6A	HALEX GT 4.38L	1.97	LAA	11	96
B	ATRAZINE DF	1.00	LAA	11	
C	ACTIVATOR 90	0.25	PMV	11	
D	LIQUID AMS	2.50	PMV	11	
7A	RNDUP POWERMAX	1.125	LAA	11	96
B	WARRANT 3L	1.125	LAA	11	
C	IMPACT 2.8SC	0.016	LAA	11	
D	ATRAZINE DF	0.50	LAA	11	
E	MISO	0.50	PMV	11	
F	LIQUID AMS	2.50	PMV	11	
8A	ABUNDIT EXTRA	1.00	LAA	11	99
B	REALM Q	4.00	OMA	0	
C	RESOLVE 25DF	0.0188	LAA	11	
D	MESOTRIONE 50W	0.078	LAA	11	
E	ISOXADIFEN-ETH	0.0094	LAA	11	
F	LIQUID AMS	2.50	PMV	11	
9A	HARNESS XTRA	2.24	LAA	11	99
B	IMPACT 2.8SC	0.022	LAA	11	
C	MISO	0.50	PMV	11	
D	LIQUID AMS	2.50	PMV	11	
10A	ACURON 3.44 ZC	1.72	LAA	11	98
B	TOUCHDN TOTAL	0.98	LAA	11	
C	ATRAZINE DF	0.50	LAA	11	
D	ACTIVATOR 90	0.25	PMV	11	
E	LIQUID AMS	2.50	PMV	11	
11A	CORVUS 2.6SC	0.061	LAA	9	99
B	ATRAZINE DF	1.00	LAA	9	
C	RNDUP POWERMAX	1.125	LAA	12	
D	DIFLEXX 4L	0.375	LAA	12	
E	COC	1.00	PMV	12	
F	LIQUID AMS	2.50	PMV	12	
12A	CORVUS 2.6SC	0.061	LAA	9	99
B	CAPRENO 3.45 S	0.081	LAA	12	
C	ATRAZINE DF	1.00	LAA	12	
D	COC	1.00	PMV	12	
E	LIQUID AMS	2.50	PMV	12	
13A	ACURON 3.44 ZC	1.29	LAA	9	99
B	HALEX GT 4.38L	1.97	LAA	12	
C	ATRAZINE DF	0.50	LAA	12	
D	ACTIVATOR 90	0.25	PMV	12	
E	LIQUID AMS	2.50	PMV	12	

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. SW 1500W

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMBTR CON % 08/28/15
14A	»VERDICT 5.57L	0.696	LAA	9	99
	B»RNDUP POWERMAX	1.125	LAA	12	
	C»STATUS 56DG	0.088	LAA	12	
	D»ACTIVATOR 90	0.25	PMV	12	
	E»LIQUID AMS	2.50	PMV	12	
15A	»INSTIGATE	6.00	OMA	0	99
	B RESOLVE 25DF	0.016	LAA	9	
	C»MESOTRIONE 50W	0.156	LAA	9	
	D ATRAZINE DF	1.00	LAA	9	
	E»REALM Q	4.00	OMA	0	
	F RESOLVE 25DF	0.0188	LAA	12	
	G»MESOTRIONE 50W	0.078	LAA	12	
	H»ISOXADIFEN-ETH	0.0094	LAA	12	
	I»ABUNDIT EXTRA	1.00	LAA	12	
	J»LIQUID AMS	2.50	PMV	12	
16A	»KEYSTONE NXT 5	3.15	LAA	9	99
	B»HORNET 68.5WG	0.171	LAA	9	
	C»DURANGO 4AE	1.00	LAA	12	
	D»LIQUID AMS	2.50	PMV	12	
17A	HARNES XTRA	2.80	LAA	9	99
	B»RNDUP POWERMAX	1.125	LAA	12	
	C IMPACT 2.8SC	0.022	LAA	12	
	D ATRAZINE DF	0.50	LAA	12	
	E»MSO	0.50	PMV	12	
	F»LIQUID AMS	2.50	PMV	12	
18A	CHECK	0.00	NA	0	0
19A	HARNES XTRA	2.24	LAA	9	99
	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	
20A	HARNES XTRA	2.24	LAA	9	99
	B IMPACT 2.8SC	0.016	LAA	12	
	C»RNDUP POWERMAX	1.125	LAA	12	
	D ATRAZINE DF	0.50	LAA	12	
	E»MSO	0.50	PMV	12	
	F»LIQUID AMS	2.50	PMV	12	
21A	HARNES XTRA	2.24	LAA	9	99
	B IMPACT 2.8SC	0.016	LAA	12	
	C»STATUS 56DG	0.105	LAA	12	
	D ATRAZINE DF	0.50	LAA	12	
	E»MSO	1.00	PMV	12	
	F»LIQUID AMS	2.50	PMV	12	
		LSD (0.05)			5.80
		STANDARD DEVIATION			2.87

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/20/2015(1)
 11 = --- / EPOST 06/16/2015(2)
 12 = --- / POST 06/30/2015(3)

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 %	06/30/2015	01	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/30/2015	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/30/2015	03	P	CHEAL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/30/2015	04	P	ABUTH	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBTR	CON %	06/30/2015	05	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/10/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMBTR	CON %	07/10/2015	05	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Bayer Corn Herbicide Comparisons 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
008	CHEAL	CON %	07/10/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/10/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/10/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/20/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/20/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	07/20/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/20/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMBTR	CON %	07/20/2015	05	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/30/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/30/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/30/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/30/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMBTR	CON %	07/30/2015	05	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ZEAMD	CON %	08/28/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	08/28/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	CON %	08/28/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	08/28/2015	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMBTR	CON %	08/28/2015	05	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = N60F-3111 RR/LL

* STAGE CODE

14 = 4 LEAVES UNFOLDED

16 = 6 LEAVES UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED