

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/06/14	05/27/14	06/02/14	AME
AIR TEMPERATURE	82	86	85	F
% REL.HUMIDITY	32	41	39	
WIND DIRECTION	EAST	SOUTHWEST	SOUTHWEST	
WIND SPEED	6.0	5.0	4.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	
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	---	---	---	
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 NK 70J-3011A (PLANTED) 05/05/2014		---/14 8.00/8.00 22 DAP	---/15 18.0/18.0 28 DAP	IN
PEST *				
P, VELVETLEAF		---/13 1.00/3.00	---/14 2.00/4.00	IN
P, WATERHEMP, COMMO		---/18 1.00/3.00	---/19 2.00/4.00	IN
P, LAMBSQUARTERS, C		---/19 1.00/3.00	---/19 2.00/4.00	IN
P, MORNINGGLORY, TA		---/12 1.00/2.00	---/14 2.00/4.00	IN
P, FOXTAIL, GIANT		---/13 1.00/3.00	---/14 2.00/4.00	IN
P, COCKLEBUR, COMMO		---/12 2.00/4.00	---/14 2.00/6.00	IN

*** TIMING CODES**

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

*** STAGE CODE**

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400
CREATED: 04/14/2014 **REVISED:** 07/18/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14
1A»	CORVUS 2.6SC	0.114	LAA	9	0	97	99	99	99	96
B	ATRAZINE DF	1.50	LAA	9						
2A»	LEXAR EZ 3.7SC	3.24	LAA	9	0	99	99	99	99	96
3A»	VERDICT 5.57L	0.78	LAA	9	0	99	99	99	99	98
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	0	99	99	99	99	90
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	0	C	C	C	C	C
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	C	C	C	C	C
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	C	C	C	C	C
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	C	C	C	C	C
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»	CORVUS 2.6SC	0.061	LAA	9	0	93	99	99	99	92
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.50	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
10A»	CORVUS 2.6SC	0.061	LAA	9	0	87	99	99	99	77
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						
11A»	LEXAR EZ 3.7SC	1.62	LAA	9	0	98	99	99	99	90
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						
12A»	VERDICT 5.57L	0.696	LAA	9	0	99	99	99	99	98
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						
13A»	INSTIGATE	6.00	OMA	0	0	84	99	99	99	92
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						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU	
		RATE	UNIT	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.00	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
14A»	KEYSTONE NXT 5	3.15	LAA	9	0	99	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						
15A	CHECK	0.00	NA	0	0	0	0	0	0	
16A	HARNESS XTRA	2.80	LAA	9	0	99	99	99	95	
	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						
		LSD (0.05)			0.00	3.88	0.00	0.00	1.88	5.00
		STANDARD DEVIATION			0.00	1.90	0.00	0.00	0.92	2.45

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CREATED: 04/14/2014 **REVISED:** 07/18/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/26/14	CON % 06/06/14	CON % 06/06/14	CON % 06/06/14	CON % 06/06/14	CON % 06/06/14
1A»	CORVUS 2.6SC	0.114	LAA	9	96	0	90	99	99	99
B	ATRAZINE DF	1.50	LAA	9						
2A»	LEXAR EZ 3.7SC	3.24	LAA	9	98	0	98	99	99	99
3A»	VERDICT 5.57L	0.78	LAA	9	99	1	94	99	99	99
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	92	0	99	99	99	96
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	C	0	98	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	C	0	99	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	C	0	99	99	93	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	C	1	98	99	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»	CORVUS 2.6SC	0.061	LAA	9	93	11	99	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.50	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
10A»	CORVUS 2.6SC	0.061	LAA	9	81	18	97	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						
11A»	LEXAR EZ 3.7SC	1.62	LAA	9	92	0	99	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						
12A»	VERDICT 5.57L	0.696	LAA	9	99	2	99	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						
13A»	INSTIGATE	6.00	OMA	0	94	15	99	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						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	
		RATE	UNIT	CON % 05/26/14	CON % 06/06/14	CON % 06/06/14	CON % 06/06/14	CON % 06/06/14	CON % 06/06/14	
	H»ISOXADIFEN-ETH	0.0094	LAA	12						
	I»ABUNDIT EXTRA	1.00	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
14A»	KEYSTONE NXT 5	3.15	LAA	9	96	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						
15A	CHECK	0.00	NA	0	0	0	0	0	0	
16A	HARNESS XTRA	2.80	LAA	9	89	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						
		LSD (0.05)			4.21	2.07	1.86	0.00	4.57	0.481
		STANDARD DEVIATION			2.06	1.00	0.909	0.00	2.24	0.236

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU CON % 06/06/14	XANST CON % 06/06/14	ZEAMD CON % 06/26/14	SETFA CON % 06/26/14	CHEAL CON % 06/26/14	AMATA CON % 06/26/14
		RATE	UNIT	TM						
1A»	CORVUS 2.6SC	0.114	LAA	9	84	91	0	85	99	99
B	ATRAZINE DF	1.50	LAA	9						
2A»	LEXAR EZ 3.7SC	3.24	LAA	9	88	93	0	95	99	99
3A»	VERDICT 5.57L	0.78	LAA	9	93	94	0	93	99	99
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	79	82	0	99	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	94	96	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	98	99	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	90	94	0	96	99	95
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	90	96	0	95	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»	CORVUS 2.6SC	0.061	LAA	9	99	99	0	98	99	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.50	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
10A»	CORVUS 2.6SC	0.061	LAA	9	98	99	0	96	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						
11A»	LEXAR EZ 3.7SC	1.62	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						
12A»	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						
13A»	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						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		PHBPU	XANST	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT TM	CON % 06/06/14	CON % 06/06/14	CON % 06/26/14	CON % 06/26/14	CON % 06/26/14	CON % 06/26/14
	H»ISOXADIFEN-ETH	0.0094	LAA 12						
	I»ABUNDIT EXTRA	1.00	LAA 12						
	J»LIQUID AMS	2.50	PMV 12						
14A»	KEYSTONE NXT 5	3.15	LAA 9	96	97	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						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A	HARNESS XTRA	2.80	LAA 9	98	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						
			LSD (0.05)	4.55	3.26	0.00	2.21	0.00	2.06
			STANDARD DEVIATION	2.23	1.60	0.00	1.08	0.00	1.00

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400
CREATED: 04/14/2014 **REVISED:** 07/18/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 06/26/14	PHBPU CON % 06/26/14	XANST CON % 06/26/14	ZEAMD CON % 07/08/14	SETFA CON % 07/08/14	CHEAL CON % 07/08/14
		RATE	UNIT	TM						
1A»	CORVUS 2.6SC	0.114	LAA	9	99	75	82	0	82	99
B	ATRAZINE DF	1.50	LAA	9						
2A»	LEXAR EZ 3.7SC	3.24	LAA	9	99	82	86	0	92	99
3A»	VERDICT 5.57L	0.78	LAA	9	99	93	94	0	89	99
B	ATRAZINE DF	1.50	LAA	9						
4A»	BKFREE NXT ATZ	2.80	LAA	9	99	65	76	0	98	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	89	93	0	98	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	95	97	0	98	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	86	89	0	94	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	89	91	0	93	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»	CORVUS 2.6SC	0.061	LAA	9	99	97	98	0	98	99
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	1.125	LAA	12						
D»	DIFLEXX 4L	0.50	LAA	12						
E»	COC	1.00	PMV	12						
F»	LIQUID AMS	2.50	PMV	12						
10A»	CORVUS 2.6SC	0.061	LAA	9	99	98	98	0	93	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						
11A»	LEXAR EZ 3.7SC	1.62	LAA	9	99	98	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						
12A»	VERDICT 5.57L	0.696	LAA	9	99	98	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						
13A»	INSTIGATE	6.00	OMA	0	99	98	98	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						

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL
		RATE	UNIT TM	CON % 06/26/14	CON % 06/26/14	CON % 06/26/14	CON % 07/08/14	CON % 07/08/14	CON % 07/08/14
	H»ISOXADIFEN-ETH	0.0094	LAA 12						
	I»ABUNDIT EXTRA	1.00	LAA 12						
	J»LIQUID AMS	2.50	PMV 12						
14A»	KEYSTONE NXT 5	3.15	LAA 9	99	93	96	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						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A	HARNESS XTRA	2.80	LAA 9	99	97	98	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						
		LSD (0.05)		0.00	4.30	4.22	0.00	3.55	0.00
		STANDARD DEVIATION		0.00	2.10	2.07	0.00	1.74	0.00

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400
CREATED: 04/14/2014 **REVISED:** 07/18/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	ABUTH	PHBPU	XANST
		RATE	UNIT	TM	CON % 07/08/14	CON % 07/08/14	CON % 07/08/14	CON % 07/08/14
1A	CORVUS 2.6SC	0.114	LAA	9	99	99	68	78
B	ATRAZINE DF	1.50	LAA	9				
2A	LEXAR EZ 3.7SC	3.24	LAA	9	99	99	78	84
3A	VERDICT 5.57L	0.78	LAA	9	99	99	91	92
B	ATRAZINE DF	1.50	LAA	9				
4A	BKFREE NXT ATZ	2.80	LAA	9	99	99	57	70
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	86	90
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	91	94
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	94	99	81	86
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	97	99	84	89
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	CORVUS 2.6SC	0.061	LAA	9	99	99	96	98
B	ATRAZINE DF	1.00	LAA	9				
C	RNDUP POWERMAX	1.125	LAA	12				
D	DIFLEXX 4L	0.50	LAA	12				
E	COC	1.00	PMV	12				
F	LIQUID AMS	2.50	PMV	12				
10A	CORVUS 2.6SC	0.061	LAA	9	99	99	97	97
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				
11A	LEXAR EZ 3.7SC	1.62	LAA	9	99	99	97	98
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				
12A	VERDICT 5.57L	0.696	LAA	9	99	99	97	98
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				
13A	INSTIGATE	6.00	OMA	0	99	99	97	97
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				

TITLE: Bayer Corn Herbicide Comparisons for Weed Control in RR/LL Corn. AS-400

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 07/08/14	ABUTH CON % 07/08/14	PHBPU CON % 07/08/14	XANST CON % 07/08/14
H>>ISOXADIFEN-ETH	0.0094	LAA	12				
I>>ABUNDIT EXTRA	1.00	LAA	12				
J>>LIQUID AMS	2.50	PMV	12				
14A>>KEYSTONE NXT 5	3.15	LAA	9	99	99	91	95
B>>HORNET 68.5WG	0.171	LAA	9				
C>>DURANGO 4AE	1.00	LAA	12				
D>>LIQUID AMS	2.50	PMV	12				
15A CHECK	0.00	NA	0	0	0	0	0
16A HARNESS XTRA	2.80	LAA	9	99	99	93	96
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				
LSD (0.05)				2.34	0.00	5.59	4.94
STANDARD DEVIATION				1.14	0.00	2.74	2.42

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/06/2014(1)
11 = ----- / EPOST 05/27/2014(2)
12 = ----- / POST 06/02/2014(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 %	05/26/2014	01	P	ZEAMD		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/26/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/26/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/26/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/26/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/26/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/26/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/06/2014	01	P	ZEAMD		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/06/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/06/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/06/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/06/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/06/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/06/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/26/2014	01	P	ZEAMD		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/26/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/26/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/26/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/26/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	06/26/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	06/26/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	07/08/2014	01	P	ZEAMD		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	07/08/2014	02	P	SETFA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	07/08/2014	03	P	CHEAL		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	07/08/2014	04	P	AMATA		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	07/08/2014	05	P	ABUTH		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	07/08/2014	06	P	PHBPU		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N
028	XANST	CON %	07/08/2014	07	P	XANST		RAW	ALL	CON %	---	---	1.00 PL	NO	0001	0	N

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

01 = NK 70J-3011A