

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	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/22/10	05/19/10	05/25/10	06/01/10	AME
AIR TEMPERATURE	75	68	90	84	F
% REL.HUMIDITY	41	58	45	39	
WIND DIRECTION	SOUTHEAST	NORTHEAST	SOUTHEAST	SOUTHEAST	
WIND SPEED	2.0	6.0	3.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/13	---/15	---/16	
P 0916 RR/LL		5.00/6.00	10.0/12.0	20.0/20.0	IN
04/22/2010					
*** PEST ***					
VELVETLEAF		---/12	---/15	---/16	
		1.00/2.00	2.00/6.00	4.00/8.00	IN
WATERHEMP, COMMO		---/18	---/19	---/19	
		1.00/3.00	2.00/6.00	4.00/12.0	IN
LAMBSQUARTERS, C		---/19	---/19	---/19	
		1.00/3.00	2.00/6.00	4.00/10.0	IN
MORNINGGLORY, TA		---/11	---/15	---/19	
		1.00/2.00	1.00/4.00	2.00/6.00	IN
FOXTAIL, GIANT		---/13	---/16	---/17	
		2.00/4.00	2.00/8.00	4.00/12.0	IN
COCKLEBUR, COMMO		---/11	---/16	---/16	
		1.00/3.00	4.00/8.00	4.00/10.0	IN

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED

* STAGE CODE

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400
CREATED: 04/15/2010 **REVISED:** 08/12/2010 **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	AMATA	CHEAL	ABUTH	XANST
		RATE	UNIT	TM	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10
1A	»CORVUS 2.6SC	0.114	LAA	9	0	80	98	98	99	77
B	»ATRAZINE DF	1.00	LAA	9						
2A	»BAL FLEXX 2L	0.094	LAA	9	0	78	99	99	99	62
B	»ATRAZINE DF	1.00	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	11	0	C	C	C	C	C
B	»ATRAZINE DF	1.00	LAA	11						
4A	»BAL FLEXX 2L	0.094	LAA	11	0	C	C	C	C	C
B	»ATRAZINE DF	1.00	LAA	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	0	C	C	C	C	C
B	»RNDUP POWERMAX	0.39	LAA	11						
C	»COC	1.00	PMV	11						
6A	»CAPRENO 3.45 S	0.081	LAA	12	0	C	C	C	C	C
B	»RNDUP POWERMAX	0.39	LAA	12						
C	»COC	1.00	PMV	12						
7A	»CORVUS 2.6SC	0.061	LAA	9	0	55	82	90	99	57
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
8A	»BAL FLEXX 2L	0.094	LAA	9	0	53	93	96	99	60
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
9A	»CORVUS 2.6SC	0.061	LAA	9	0	52	86	93	99	50
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
10A	»BAL FLEXX 2L	0.047	LAA	9	0	40	77	77	94	37
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
11A	»BAL FLEXX 2L	0.047	LAA	9	0	50	94	98	99	42
B	»CAPRENO 3.45 S	0.081	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»COC	1.00	PMV	13						
12A	»VERDICT 5.57L	0.696	LAA	9	0	92	99	99	99	97
B	»RNDUP POWERMAX	0.77	LAA	13						
C	»LIQUID AMS	2.50	PMV	13						
13A	RESOLVE 25DF	0.016	LAA	9	0	30	82	88	94	57
B	»ISOXAFLOTOLE 7	0.031	LAA	9						
C	»ATRAZINE DF	1.00	LAA	9						
D	»ABUNDIT EXTRA	0.75	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
14A	»GUARDS MAX 5L	2.50	LAA	9	0	96	99	99	99	96
B	»SHARPEN 2.85L	0.067	LAA	9						
C	»RNDUP POWERMAX	0.77	LAA	13						
D	»STATUS 56DG	0.088	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
15A	LEXAR 3.7SE	2.31	LAA	9	0	88	99	99	99	63
B	»TOUCHDN TOTAL	0.78	LAA	13						
C	»NORTHSTAR	0.074	LAA	13						
D	»LIQUID AMS	2.50	PMV	13						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMATA	CHEAL	ABUTH	XANST
		RATE	UNIT	TM	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10	CON % 05/19/10
16A	HARNESX XTRA	2.10	LAA	9	0	99	99	99	70	55
	B»RNDUP POWERMAX	0.77	LAA	13						
	C IMPACT 2.8SC	0.011	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	12.71	6.20	5.00	4.72	12.69
		STANDARD DEVIATION			0.00	6.23	3.00	2.44	2.31	6.21

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400
CREATED: 04/15/2010 **REVISED:** 08/12/2010 **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			PHBPU CON % 05/19/10	ZEAMD CON % 06/01/10	SETFA CON % 06/01/10	AMATA CON % 06/01/10	CHEAL CON % 06/01/10	ABUTH CON % 06/01/10
		RATE	UNIT	TM						
1A	»CORVUS 2.6SC	0.114	LAA	9	76	0	78	96	98	99
B	»ATRAZINE DF	1.00	LAA	9						
2A	»BAL FLEXX 2L	0.094	LAA	9	63	0	67	98	99	99
B	»ATRAZINE DF	1.00	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	11	C	0	84	99	99	99
B	»ATRAZINE DF	1.00	LAA	11						
4A	»BAL FLEXX 2L	0.094	LAA	11	C	7	72	99	99	99
B	»ATRAZINE DF	1.00	LAA	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	C	0	97	99	99	99
B	»RNDUP POWERMAX	0.39	LAA	11						
C	»COC	1.00	PMV	11						
6A	»CAPRENO 3.45 S	0.081	LAA	12	C	0	C	C	C	C
B	»RNDUP POWERMAX	0.39	LAA	12						
C	»COC	1.00	PMV	12						
7A	»CORVUS 2.6SC	0.061	LAA	9	50	0	50	73	84	83
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
8A	»BAL FLEXX 2L	0.094	LAA	9	45	0	50	75	84	83
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
9A	»CORVUS 2.6SC	0.061	LAA	9	48	0	43	80	85	88
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
10A	»BAL FLEXX 2L	0.047	LAA	9	33	0	33	50	65	73
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
11A	»BAL FLEXX 2L	0.047	LAA	9	43	0	43	77	83	87
B	»CAPRENO 3.45 S	0.081	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»COC	1.00	PMV	13						
12A	»VERDICT 5.57L	0.696	LAA	9	97	0	85	99	99	99
B	»RNDUP POWERMAX	0.77	LAA	13						
C	»LIQUID AMS	2.50	PMV	13						
13A	RESOLVE 25DF	0.016	LAA	9	40	0	27	73	85	70
B	»ISOXAFLOTOLE 7	0.031	LAA	9						
C	»ATRAZINE DF	1.00	LAA	9						
D	»ABUNDIT EXTRA	0.75	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
14A	»GUARDS MAX 5L	2.50	LAA	9	97	0	92	99	99	99
B	»SHARPEN 2.85L	0.067	LAA	9						
C	»RNDUP POWERMAX	0.77	LAA	13						
D	»STATUS 56DG	0.088	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
15A	LEXAR 3.7SE	2.31	LAA	9	67	0	85	99	99	99
B	»TOUCHDN TOTAL	0.78	LAA	13						
C	»NORTHSTAR	0.074	LAA	13						
D	»LIQUID AMS	2.50	PMV	13						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	ZEAMD	SETFA	AMATA	CHEAL	ABUTH
		RATE	UNIT	TM	CON % 05/19/10	CON % 06/01/10	CON % 06/01/10	CON % 06/01/10	CON % 06/01/10	CON % 06/01/10
16A	HARNES XTRA	2.10	LAA	9	47	0	98	99	99	63
	B»RNDUP POWERMAX	0.77	LAA	13						
	C IMPACT 2.8SC	0.011	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			9.70	0.722	10.87	9.00	8.00	5.69
		STANDARD DEVIATION			4.75	0.354	5.32	4.41	3.94	2.78

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400
CREATED: 04/15/2010 **REVISED:** 08/12/2010 **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 CON % 06/01/10	PHBPU CON % 06/01/10	ZEAMD CON % 06/11/10	SETFA CON % 06/11/10	CHEAL CON % 06/11/10	AMATA CON % 06/11/10
		RATE	UNIT	TM						
1A	»CORVUS 2.6SC	0.114	LAA	9	70	80	0	72	92	89
B	»ATRAZINE DF	1.00	LAA	9						
2A	»BAL FLEXX 2L	0.094	LAA	9	53	72	0	70	91	82
B	»ATRAZINE DF	1.00	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	11	99	96	0	47	99	99
B	»ATRAZINE DF	1.00	LAA	11						
4A	»BAL FLEXX 2L	0.094	LAA	11	99	95	0	40	99	99
B	»ATRAZINE DF	1.00	LAA	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	99	91	0	96	99	93
B	»RNDUP POWERMAX	0.39	LAA	11						
C	»COC	1.00	PMV	11						
6A	»CAPRENO 3.45 S	0.081	LAA	12	C	C	8	99	99	99
B	»RNDUP POWERMAX	0.39	LAA	12						
C	»COC	1.00	PMV	12						
7A	»CORVUS 2.6SC	0.061	LAA	9	47	47	4	90	99	99
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
8A	»BAL FLEXX 2L	0.094	LAA	9	37	33	0	90	98	98
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
9A	»CORVUS 2.6SC	0.061	LAA	9	40	43	0	97	99	98
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
10A	»BAL FLEXX 2L	0.047	LAA	9	27	27	1	98	99	99
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
11A	»BAL FLEXX 2L	0.047	LAA	9	37	40	3	99	99	99
B	»CAPRENO 3.45 S	0.081	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»COC	1.00	PMV	13						
12A	»VERDICT 5.57L	0.696	LAA	9	78	88	0	99	99	99
B	»RNDUP POWERMAX	0.77	LAA	13						
C	»LIQUID AMS	2.50	PMV	13						
13A	RESOLVE 25DF	0.016	LAA	9	23	27	12	99	99	99
B	»ISOXAFLOTOLE 7	0.031	LAA	9						
C	»ATRAZINE DF	1.00	LAA	9						
D	»ABUNDIT EXTRA	0.75	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
14A	»GUARDS MAX 5L	2.50	LAA	9	83	91	0	99	99	99
B	»SHARPEN 2.85L	0.067	LAA	9						
C	»RNDUP POWERMAX	0.77	LAA	13						
D	»STATUS 56DG	0.088	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
15A	LEXAR 3.7SE	2.31	LAA	9	72	67	2	99	99	99
B	»TOUCHDN TOTAL	0.78	LAA	13						
C	»NORTHSTAR	0.074	LAA	13						
D	»LIQUID AMS	2.50	PMV	13						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	CON % 06/01/10	CON % 06/01/10	CON % 06/11/10	CON % 06/11/10	CON % 06/11/10	CON % 06/11/10
16A	HARNES XTRA	2.10	LAA	9	50	40	1	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C IMPACT 2.8SC	0.011	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			9.68	13.45	3.71	4.94	1.16	4.92
		STANDARD DEVIATION			4.74	6.58	1.82	2.42	0.568	2.41

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400
CREATED: 04/15/2010 **REVISED:** 08/12/2010 **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 % 06/11/10	XANST CON % 06/11/10	PHBPU CON % 06/11/10	ZEAMD CON % 06/19/10	SETFA CON % 06/19/10	AMATA CON % 06/19/10
		RATE	UNIT	TM						
1A	»CORVUS 2.6SC	0.114	LAA	9	99	63	57	0	58	91
B	»ATRAZINE DF	1.00	LAA	9						
2A	»BAL FLEXX 2L	0.094	LAA	9	99	62	53	0	50	87
B	»ATRAZINE DF	1.00	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	11	99	99	88	0	40	99
B	»ATRAZINE DF	1.00	LAA	11						
4A	»BAL FLEXX 2L	0.094	LAA	11	99	96	85	0	37	99
B	»ATRAZINE DF	1.00	LAA	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	99	97	91	0	88	99
B	»RNDUP POWERMAX	0.39	LAA	11						
C	»COC	1.00	PMV	11						
6A	»CAPRENO 3.45 S	0.081	LAA	12	99	99	92	3	97	99
B	»RNDUP POWERMAX	0.39	LAA	12						
C	»COC	1.00	PMV	12						
7A	»CORVUS 2.6SC	0.061	LAA	9	99	99	94	0	94	99
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
8A	»BAL FLEXX 2L	0.094	LAA	9	99	99	88	0	88	99
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
9A	»CORVUS 2.6SC	0.061	LAA	9	99	99	94	0	88	99
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
10A	»BAL FLEXX 2L	0.047	LAA	9	99	98	96	0	92	99
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
11A	»BAL FLEXX 2L	0.047	LAA	9	99	99	93	0	99	99
B	»CAPRENO 3.45 S	0.081	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»COC	1.00	PMV	13						
12A	»VERDICT 5.57L	0.696	LAA	9	99	99	97	0	99	99
B	»RNDUP POWERMAX	0.77	LAA	13						
C	»LIQUID AMS	2.50	PMV	13						
13A	RESOLVE 25DF	0.016	LAA	9	99	98	85	12	98	99
B	»ISOXAFLOTOLE 7	0.031	LAA	9						
C	»ATRAZINE DF	1.00	LAA	9						
D	»ABUNDIT EXTRA	0.75	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
14A	»GUARDS MAX 5L	2.50	LAA	9	99	99	97	0	99	99
B	»SHARPEN 2.85L	0.067	LAA	9						
C	»RNDUP POWERMAX	0.77	LAA	13						
D	»STATUS 56DG	0.088	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
15A	LEXAR 3.7SE	2.31	LAA	9	99	99	95	0	99	99
B	»TOUCHDN TOTAL	0.78	LAA	13						
C	»NORTHSTAR	0.074	LAA	13						
D	»LIQUID AMS	2.50	PMV	13						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	XANST	PHBPU	ZEAMD	SETFA	AMATA
		RATE	UNIT	TM	CON % 06/11/10	CON % 06/11/10	CON % 06/11/10	CON % 06/19/10	CON % 06/19/10	CON % 06/19/10
16A	HARNESX XTRA	2.10	LAA	9	99	99	78	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C IMPACT 2.8SC	0.011	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	5.87	7.27	1.67	7.85	3.72
		STANDARD DEVIATION			0.00	2.88	3.56	0.819	3.84	1.82

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400
CREATED: 04/15/2010 **REVISED:** 08/12/2010 **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			CHEAL	ABUTH	XANST	PHBPU	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/19/10	CON % 06/19/10	CON % 06/19/10	CON % 06/19/10	CON % 07/02/10	CON % 07/02/10
1A	»CORVUS 2.6SC	0.114	LAA	9	89	99	62	45	0	50
B	»ATRAZINE DF	1.00	LAA	9						
2A	»BAL FLEXX 2L	0.094	LAA	9	84	99	50	30	0	53
B	»ATRAZINE DF	1.00	LAA	9						
3A	»CORVUS 2.6SC	0.114	LAA	11	99	99	94	85	0	50
B	»ATRAZINE DF	1.00	LAA	11						
4A	»BAL FLEXX 2L	0.094	LAA	11	96	99	88	82	0	47
B	»ATRAZINE DF	1.00	LAA	11						
5A	»CAPRENO 3.45 S	0.081	LAA	11	87	99	96	84	0	87
B	»RNDUP POWERMAX	0.39	LAA	11						
C	»COC	1.00	PMV	11						
6A	»CAPRENO 3.45 S	0.081	LAA	12	97	99	98	90	0	96
B	»RNDUP POWERMAX	0.39	LAA	12						
C	»COC	1.00	PMV	12						
7A	»CORVUS 2.6SC	0.061	LAA	9	99	99	98	93	0	97
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
8A	»BAL FLEXX 2L	0.094	LAA	9	99	99	95	90	0	96
B	»LAUDIS 3.5SC	0.082	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»MSO	1.00	PMV	13						
9A	»CORVUS 2.6SC	0.061	LAA	9	98	99	99	94	0	86
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
10A	»BAL FLEXX 2L	0.047	LAA	9	95	99	97	96	0	85
B	»IGNITE 2.33SL	0.40	LAA	13						
C	»LAUDIS 3.5SC	0.055	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
11A	»BAL FLEXX 2L	0.047	LAA	9	99	99	99	96	0	97
B	»CAPRENO 3.45 S	0.081	LAA	13						
C	»RNDUP POWERMAX	0.39	LAA	13						
D	»ATRAZINE DF	0.50	LAA	13						
E	»COC	1.00	PMV	13						
12A	»VERDICT 5.57L	0.696	LAA	9	99	99	99	95	0	99
B	»RNDUP POWERMAX	0.77	LAA	13						
C	»LIQUID AMS	2.50	PMV	13						
13A	»RESOLVE 25DF	0.016	LAA	9	99	99	96	84	0	94
B	»ISOXAFLOTOLE 7	0.031	LAA	9						
C	»ATRAZINE DF	1.00	LAA	9						
D	»ABUNDIT EXTRA	0.75	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
14A	»GUARDS MAX 5L	2.50	LAA	9	99	99	99	98	0	99
B	»SHARPEN 2.85L	0.067	LAA	9						
C	»RNDUP POWERMAX	0.77	LAA	13						
D	»STATUS 56DG	0.088	LAA	13						
E	»LIQUID AMS	2.50	PMV	13						
15A	»LEXAR 3.7SE	2.31	LAA	9	99	99	99	96	0	99
B	»TOUCHDN TOTAL	0.78	LAA	13						
C	»NORTHSTAR	0.074	LAA	13						
D	»LIQUID AMS	2.50	PMV	13						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ABUTH	XANST	PHBPU	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/19/10	CON % 06/19/10	CON % 06/19/10	CON % 06/19/10	CON % 07/02/10	CON % 07/02/10
16A	HARNES XTRA	2.10	LAA	9	99	97	94	82	0	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C IMPACT 2.8SC	0.011	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			4.00	0.834	3.71	5.35	0.00	10.22
		STANDARD DEVIATION			1.94	0.408	1.82	2.62	0.00	5.00

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400
CREATED: 04/15/2010 **REVISED:** 08/12/2010 **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	CHEAL	ABUTH	XANST	PHBPU
		RATE	UNIT	TM	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10
1A	»CORVUS 2.6SC	0.114	LAA	9	70	75	80	43	37
B	»ATRAZINE DF	1.00	LAA	9					
2A	»BAL FLEXX 2L	0.094	LAA	9	72	68	96	53	40
B	»ATRAZINE DF	1.00	LAA	9					
3A	»CORVUS 2.6SC	0.114	LAA	11	99	99	99	88	78
B	»ATRAZINE DF	1.00	LAA	11					
4A	»BAL FLEXX 2L	0.094	LAA	11	99	99	99	82	73
B	»ATRAZINE DF	1.00	LAA	11					
5A	»CAPRENO 3.45 S	0.081	LAA	11	98	95	99	93	82
B	»RNDUP POWERMAX	0.39	LAA	11					
C	»COC	1.00	PMV	11					
6A	»CAPRENO 3.45 S	0.081	LAA	12	99	96	99	99	83
B	»RNDUP POWERMAX	0.39	LAA	12					
C	»COC	1.00	PMV	12					
7A	»CORVUS 2.6SC	0.061	LAA	9	99	99	99	99	94
B	»LAUDIS 3.5SC	0.082	LAA	13					
C	»RNDUP POWERMAX	0.39	LAA	13					
D	»ATRAZINE DF	0.50	LAA	13					
E	»MSO	1.00	PMV	13					
8A	»BAL FLEXX 2L	0.094	LAA	9	99	98	99	99	87
B	»LAUDIS 3.5SC	0.082	LAA	13					
C	»RNDUP POWERMAX	0.39	LAA	13					
D	»ATRAZINE DF	0.50	LAA	13					
E	»MSO	1.00	PMV	13					
9A	»CORVUS 2.6SC	0.061	LAA	9	99	97	99	96	92
B	»IGNITE 2.33SL	0.40	LAA	13					
C	»LAUDIS 3.5SC	0.055	LAA	13					
D	»ATRAZINE DF	0.50	LAA	13					
10A	»BAL FLEXX 2L	0.047	LAA	9	99	93	99	97	90
B	»IGNITE 2.33SL	0.40	LAA	13					
C	»LAUDIS 3.5SC	0.055	LAA	13					
D	»ATRAZINE DF	0.50	LAA	13					
11A	»BAL FLEXX 2L	0.047	LAA	9	99	99	99	99	95
B	»CAPRENO 3.45 S	0.081	LAA	13					
C	»RNDUP POWERMAX	0.39	LAA	13					
D	»ATRAZINE DF	0.50	LAA	13					
E	»COC	1.00	PMV	13					
12A	»VERDICT 5.57L	0.696	LAA	9	99	99	99	99	97
B	»RNDUP POWERMAX	0.77	LAA	13					
C	»LIQUID AMS	2.50	PMV	13					
13A	RESOLVE 25DF	0.016	LAA	9	99	98	99	98	81
B	»ISOXAFLUTOLE 7	0.031	LAA	9					
C	»ATRAZINE DF	1.00	LAA	9					
D	»ABUNDIT EXTRA	0.75	LAA	13					
E	»LIQUID AMS	2.50	PMV	13					
14A	»GUARDS MAX 5L	2.50	LAA	9	99	99	99	99	98
B	»SHARPEN 2.85L	0.067	LAA	9					
C	»RNDUP POWERMAX	0.77	LAA	13					
D	»STATUS 56DG	0.088	LAA	13					
E	»LIQUID AMS	2.50	PMV	13					
15A	LEXAR 3.7SE	2.31	LAA	9	99	99	99	99	95
B	»TOUCHDN TOTAL	0.78	LAA	13					
C	»NORTHSTAR	0.074	LAA	13					
D	»LIQUID AMS	2.50	PMV	13					

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-400

TRT TREATMENT NUM COMPONENT	DOSAGE			AMATA	CHEAL	ABUTH	XANST	PHBPU
	RATE	UNIT	TM	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10	CON % 07/02/10
16A HARNESS XTRA	2.10	LAA	9	99	99	96	97	83
B>RNDUP POWERMAX	0.77	LAA	13					
C IMPACT 2.8SC	0.011	LAA	13					
D>LIQUID AMS	2.50	PMV	13					
	LSD (0.05)			6.57	8.31	8.46	4.00	7.05
	STANDARD DEVIATION			3.22	4.07	4.14	1.94	3.45

>> = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

- 09 = ----- / PREEMERGENCE 04/22/2010(1)
- 11 = ----- / EPOST 05/19/2010(2)
- 12 = ----- / POST 05/25/2010(3)
- 13 = ----- / LPOST 06/01/2010(4)

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 %	05/19/2010	01	P	ZEAMD	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/19/2010	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/19/2010	03	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/19/2010	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/19/2010	07	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	05/19/2010	05	P	XANST	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/19/2010	06	P	PHBPU	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/01/2010	01	P	ZEAMD	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/01/2010	02	P	SETFA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/01/2010	03	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/01/2010	04	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/01/2010	07	P	ABUTH	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	06/01/2010	05	P	XANST	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/01/2010	06	P	PHBPU	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/11/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/11/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/11/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/11/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/11/2010	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	CON %	06/11/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	06/11/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	06/19/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	06/19/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMATA	CON %	06/19/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	CHEAL	CON %	06/19/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	06/19/2010	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	XANST	CON %	06/19/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	PHBPU	CON %	06/19/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	ZEAMD	CON %	07/02/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	SETFA	CON %	07/02/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	AMATA	CON %	07/02/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	CHEAL	CON %	07/02/2010	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	ABUTH	CON %	07/02/2010	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	XANST	CON %	07/02/2010	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	PHBPU	CON %	07/02/2010	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = P 0916 RR/LL

* STAGE CODE

- 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3 LEAVES UNFOLDED
- 13 = 3 LEAVES UNFOLDED
- 16 = 6 LEAVES UNFOLDED
- 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 17 = 7 LEAVES UNFOLDED
- 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED