

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.6
%OM: 4.7
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	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	04/24/15	05/18/15	05/28/15	AME
AIR TEMPERATURE	82	72	79	F
% REL.HUMIDITY	35	73	41	
WIND DIRECTION	SOUTH	SOUTHWEST	EAST	
WIND SPEED	5.0	6.0	6.0	M/H
CLOUD COVER	PAR.CLOUD	OVERCAST-	CLEAR-0%	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	DRY/MOIST	
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 GH G10 D98-3122 (PLANTED) 04/24/2015		---/13 6.00/7.00 24 DAP	---/15 12.0/12.0 34 DAP	IN
PEST *				
P, VELVETLEAF		---/13 1.00/3.00	---/15 3.00/5.00	IN
P, WATERHEMP, COMMO		---/15 1.00/3.00	---/19 2.00/4.00	IN
P, LAMBSQUARTERS, C		---/14 1.00/1.00	---/19 1.00/3.00	IN
P, MORNINGGLORY, TA		---/12 1.00/2.00	---/16 1.00/4.00	IN
P, FOXTAIL, GIANT		---/14 1.00/3.00	---/15 2.00/6.00	IN
P, COCKLEBUR, COMMO		---/13 2.00/4.00	---/16 3.00/6.00	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 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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 % 05/24/15	CON % 05/24/15	CON % 05/24/15	CON % 05/24/15	CON % 05/24/15	CON % 05/24/15
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	CORVUS 2.6SC	0.081	LAA	9	0	98	99	99	99	91
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.081	LAA	9	0	94	99	99	97	86
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.25	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
4A	CORVUS 2.6SC	0.081	LAA	9	0	93	99	99	96	86
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.31	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
5A	CORVUS 2.6SC	0.081	LAA	9	0	92	99	99	96	86
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS 3.5SC	0.082	LAA	12						
	E»DIFLEXX 4L	0.25	LAA	12						
	F»MSO	1.00	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
6A	CORVUS 2.6SC	0.081	LAA	9	0	94	99	99	98	87
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.41	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	CORVUS 2.6SC	0.081	LAA	9	0	92	99	99	96	84
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.51	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	CORVUS 2.6SC	0.081	LAA	9	0	95	99	99	96	86
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»STATUS 56DG	0.14	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	CAPRENO 3.45 S	0.081	LAA	11	3	99	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
10A	CAPRENO 3.45 S	0.081	LAA	11	7	99	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»DIFLEXX 4L	0.25	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A	LAUDIS 3.5SC	0.082	LAA	11	4	99	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON % 05/24/15	SETFA CON % 05/24/15	CHEAL CON % 05/24/15	AMATA CON % 05/24/15	ABUTH CON % 05/24/15	PHBPU CON % 05/24/15
		RATE	UNIT TM						
12A»	LAUDIS 3.5SC	0.082	LAA 11	4	99	99	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»RNDUP POWERMAX	1.125	LAA 11						
	D»DIFLEXX 4L	0.25	LAA 11						
	E»MSO	1.00	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
13A»	LAUDIS FLEXX 1	0.41	LAA 11	5	99	99	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»RNDUP POWERMAX	1.125	LAA 11						
	D»MSO	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
14A»	LAUDIS FLEXX 1	0.51	LAA 11	8	99	99	99	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»RNDUP POWERMAX	1.125	LAA 11						
	D»MSO	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
15A»	HALEX GT 4.38L	1.97	LAA 11	5	99	99	99	99	98
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
16A»	ANTHEM MAXX 4.	0.134	LAA 11	5	99	99	99	99	99
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»DIFLEXX 4L	0.375	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		3.27	7.47	0.00	0.00	3.88	11.72
		STANDARD DEVIATION		1.60	3.66	0.00	0.00	1.90	5.74

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CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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 % 05/24/15	CON % 06/03/15	CON % 06/03/15	CON % 06/03/15	CON % 06/03/15	CON % 06/03/15
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	CORVUS 2.6SC	0.081	LAA	9	90	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.081	LAA	9	88	9	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.25	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
4A	CORVUS 2.6SC	0.081	LAA	9	86	19	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.31	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
5A	CORVUS 2.6SC	0.081	LAA	9	86	6	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS 3.5SC	0.082	LAA	12						
	E»DIFLEXX 4L	0.25	LAA	12						
	F»MSO	1.00	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
6A	CORVUS 2.6SC	0.081	LAA	9	89	13	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.41	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	CORVUS 2.6SC	0.081	LAA	9	85	16	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.51	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	CORVUS 2.6SC	0.081	LAA	9	79	5	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»STATUS 56DG	0.14	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	CAPRENO 3.45 S	0.081	LAA	11	98	0	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
10A	CAPRENO 3.45 S	0.081	LAA	11	99	1	98	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»DIFLEXX 4L	0.25	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A	LAUDIS 3.5SC	0.082	LAA	11	99	0	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT		CON % 05/24/15	CON % 06/03/15	CON % 06/03/15	CON % 06/03/15	CON % 06/03/15	CON % 06/03/15
12A»	LAUDIS 3.5SC	0.082	LAA	11	99	0	94	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»DIFLEXX 4L	0.25	LAA	11						
	E»MSO	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
13A»	LAUDIS FLEXX 1	0.41	LAA	11	99	0	98	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
14A»	LAUDIS FLEXX 1	0.51	LAA	11	99	1	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
15A»	HALEX GT 4.38L	1.97	LAA	11	95	0	98	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
16A»	ANTHEM MAXX 4.	0.134	LAA	11	99	0	99	99	99	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»DIFLEXX 4L	0.375	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			10.58	5.92	2.05	0.00	0.00	0.00
		STANDARD DEVIATION			5.18	2.90	1.00	0.00	0.00	0.00

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CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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 % 06/03/15	XANST CON % 06/03/15	ZEAMD CON % 06/10/15	SETFA CON % 06/10/15	CHEAL CON % 06/10/15	AMATA CON % 06/10/15
		RATE	UNIT	TM						
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	CORVUS 2.6SC	0.081	LAA	9	98	93	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.081	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	0.25	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
4A	CORVUS 2.6SC	0.081	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	0.31	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
5A	CORVUS 2.6SC	0.081	LAA	9	99	98	0	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS 3.5SC	0.082	LAA	12						
	E»DIFLEXX 4L	0.25	LAA	12						
	F»MSO	1.00	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
6A	CORVUS 2.6SC	0.081	LAA	9	99	99	0	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.41	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	CORVUS 2.6SC	0.081	LAA	9	99	99	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.51	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	CORVUS 2.6SC	0.081	LAA	9	99	99	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»STATUS 56DG	0.14	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	CAPRENO 3.45 S	0.081	LAA	11	97	94	0	98	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
10A	CAPRENO 3.45 S	0.081	LAA	11	97	96	0	97	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»DIFLEXX 4L	0.25	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A	LAUDIS 3.5SC	0.082	LAA	11	94	88	0	87	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		PHBPU CON % 06/03/15	XANST CON % 06/03/15	ZEAMD CON % 06/10/15	SETFA CON % 06/10/15	CHEAL CON % 06/10/15	AMATA CON % 06/10/15
		RATE	UNIT TM						
12A»	LAUDIS 3.5SC	0.082	LAA 11	93	91	0	88	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»RNDUP POWERMAX	1.125	LAA 11						
	D»DIFLEXX 4L	0.25	LAA 11						
	E»MSO	1.00	PMV 11						
	F»LIQUID AMS	2.50	PMV 11						
13A»	LAUDIS FLEXX 1	0.41	LAA 11	97	92	0	91	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»RNDUP POWERMAX	1.125	LAA 11						
	D»MSO	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
14A»	LAUDIS FLEXX 1	0.51	LAA 11	98	93	0	91	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»RNDUP POWERMAX	1.125	LAA 11						
	D»MSO	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
15A»	HALEX GT 4.38L	1.97	LAA 11	98	94	0	98	99	99
	B ATRAZINE DF	0.50	LAA 11						
	C»ACTIVATOR 90	0.25	PMV 11						
	D»LIQUID AMS	2.50	PMV 11						
16A»	ANTHEM MAXX 4.	0.134	LAA 11	98	96	0	98	99	99
	B»RNDUP POWERMAX	1.125	LAA 11						
	C»DIFLEXX 4L	0.375	LAA 11						
	D»ACTIVATOR 90	0.25	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
		LSD (0.05)		1.70	4.00	0.00	3.94	0.00	0.00
		STANDARD DEVIATION		0.834	2.00	0.00	1.93	0.00	0.00

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CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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 % 06/10/15	PHBPU CON % 06/10/15	XANST CON % 06/10/15	ZEAMD CON % 06/29/15	SETFA CON % 06/29/15	CHEAL CON % 06/29/15
		RATE	UNIT	TM						
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	CORVUS 2.6SC	0.081	LAA	9	99	89	88	0	91	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.081	LAA	9	99	95	95	0	89	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.25	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
4A	CORVUS 2.6SC	0.081	LAA	9	99	97	97	0	95	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»DIFLEXX 4L	0.31	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
5A	CORVUS 2.6SC	0.081	LAA	9	99	93	94	0	96	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS 3.5SC	0.082	LAA	12						
	E»DIFLEXX 4L	0.25	LAA	12						
	F»MSO	1.00	PMV	12						
	G»LIQUID AMS	2.50	PMV	12						
6A	CORVUS 2.6SC	0.081	LAA	9	99	96	97	0	95	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.41	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
7A	CORVUS 2.6SC	0.081	LAA	9	99	97	98	0	96	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LAUDIS FLEXX 1	0.51	LAA	12						
	E»MSO	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
8A	CORVUS 2.6SC	0.081	LAA	9	99	93	95	0	95	99
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»STATUS 56DG	0.14	LAA	12						
	E»COC	1.00	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	CAPRENO 3.45 S	0.081	LAA	11	99	84	78	0	92	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
10A	CAPRENO 3.45 S	0.081	LAA	11	99	94	95	0	90	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»DIFLEXX 4L	0.25	LAA	11						
	E»COC	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
11A	LAUDIS 3.5SC	0.082	LAA	11	99	73	72	0	84	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH CON % 06/10/15	PHBPU CON % 06/10/15	XANST CON % 06/10/15	ZEAMD CON % 06/29/15	SETFA CON % 06/29/15	CHEAL CON % 06/29/15
		RATE	UNIT							
12A	LAUDIS 3.5SC	0.082	LAA	11	99	77	84	0	80	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»DIFLEXX 4L	0.25	LAA	11						
	E»MSO	1.00	PMV	11						
	F»LIQUID AMS	2.50	PMV	11						
13A	LAUDIS FLEXX 1	0.41	LAA	11	99	83	85	0	87	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
14A	LAUDIS FLEXX 1	0.51	LAA	11	99	92	92	0	85	99
	B ATRAZINE DF	0.50	LAA	11						
	C»RNDUP POWERMAX	1.125	LAA	11						
	D»MSO	1.00	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
15A	HALEX GT 4.38L	1.97	LAA	11	99	93	90	0	98	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
16A	ANTHEM MAXX 4.	0.134	LAA	11	99	93	94	0	97	99
	B»RNDUP POWERMAX	1.125	LAA	11						
	C»DIFLEXX 4L	0.375	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.00	4.58	5.72	0.00	6.00	0.00
		STANDARD DEVIATION			0.00	2.24	2.80	0.00	2.93	0.00

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200
CREATED: 04/14/2015 **REVISED:** 10/22/2015 **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	YIELD
		RATE	UNIT	TM	CON % 06/29/15	CON % 06/29/15	CON % 06/29/15	CON % 06/29/15	BU/A 10/01/15
1A	CHECK	0.00	NA	0	0	0	0	0	115.3
2A	CORVUS 2.6SC	0.081	LAA	9	99	99	88	92	211.9
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
3A	CORVUS 2.6SC	0.081	LAA	9	99	99	93	95	186.6
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»DIFLEXX 4L	0.25	LAA	12					
	E»COC	1.00	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
4A	CORVUS 2.6SC	0.081	LAA	9	99	99	94	95	203.1
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»DIFLEXX 4L	0.31	LAA	12					
	E»COC	1.00	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
5A	CORVUS 2.6SC	0.081	LAA	9	99	99	95	96	209.6
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LAUDIS 3.5SC	0.082	LAA	12					
	E»DIFLEXX 4L	0.25	LAA	12					
	F»MSO	1.00	PMV	12					
	G»LIQUID AMS	2.50	PMV	12					
6A	CORVUS 2.6SC	0.081	LAA	9	99	99	93	95	188.9
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LAUDIS FLEXX 1	0.41	LAA	12					
	E»MSO	1.00	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
7A	CORVUS 2.6SC	0.081	LAA	9	99	99	96	96	187.7
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LAUDIS FLEXX 1	0.51	LAA	12					
	E»MSO	1.00	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
8A	CORVUS 2.6SC	0.081	LAA	9	99	99	91	93	195.5
	B ATRAZINE DF	1.00	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»STATUS 56DG	0.14	LAA	12					
	E»COC	1.00	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
9A	CAPRENO 3.45 S	0.081	LAA	11	99	99	83	80	209.4
	B ATRAZINE DF	0.50	LAA	11					
	C»RNDUP POWERMAX	1.125	LAA	11					
	D»COC	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
10A	CAPRENO 3.45 S	0.081	LAA	11	99	99	89	88	198.7
	B ATRAZINE DF	0.50	LAA	11					
	C»RNDUP POWERMAX	1.125	LAA	11					
	D»DIFLEXX 4L	0.25	LAA	11					
	E»COC	1.00	PMV	11					
	F»LIQUID AMS	2.50	PMV	11					
11A	LAUDIS 3.5SC	0.082	LAA	11	99	99	73	70	201.0
	B ATRAZINE DF	0.50	LAA	11					
	C»RNDUP POWERMAX	1.125	LAA	11					
	D»MSO	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	ABUTH	PHBPU	XANST	YIELD
		RATE	UNIT	TM	CON % 06/29/15	CON % 06/29/15	CON % 06/29/15	CON % 06/29/15	BU/A 10/01/15
12A»	LAUDIS 3.5SC	0.082	LAA	11	99	99	77	79	209.4
	B ATRAZINE DF	0.50	LAA	11					
	C»RNDUP POWERMAX	1.125	LAA	11					
	D»DIFLEXX 4L	0.25	LAA	11					
	E»MSO	1.00	PMV	11					
	F»LIQUID AMS	2.50	PMV	11					
13A»	LAUDIS FLEXX 1	0.41	LAA	11	99	99	83	86	211.5
	B ATRAZINE DF	0.50	LAA	11					
	C»RNDUP POWERMAX	1.125	LAA	11					
	D»MSO	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
14A»	LAUDIS FLEXX 1	0.51	LAA	11	99	99	84	87	206.5
	B ATRAZINE DF	0.50	LAA	11					
	C»RNDUP POWERMAX	1.125	LAA	11					
	D»MSO	1.00	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
15A»	HALEX GT 4.38L	1.97	LAA	11	99	99	84	80	201.9
	B ATRAZINE DF	0.50	LAA	11					
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
16A»	ANTHEM MAXX 4.	0.134	LAA	11	99	99	90	89	207.9
	B»RNDUP POWERMAX	1.125	LAA	11					
	C»DIFLEXX 4L	0.375	LAA	11					
	D»ACTIVATOR 90	0.25	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
		LSD (0.05)			0.00	0.00	7.00	8.13	30.47
		STANDARD DEVIATION			0.00	0.00	3.42	4.00	14.92

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 04/24/2015(1)
 11 = --- / EPOST 05/18/2015(2)
 12 = --- / POST 05/28/2015(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 %	05/24/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/24/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/24/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/24/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/24/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/24/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/24/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/03/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/03/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/03/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/03/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/03/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/03/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/03/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	06/10/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	06/10/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	06/10/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	06/10/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	06/10/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	06/10/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	06/10/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	06/29/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	06/29/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	06/29/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	06/29/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	06/29/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	06/29/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	XANST	CON %	06/29/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Bayer Weed Control Systems in RR/LL Corn. AS-200

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
029	YIELD	BU/A	10/01/2015	01	P	ZEAMD		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = GH G10 D98-3122