

## 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	52	65	77	F
% REL.HUMIDITY	35	71	41	
WIND DIRECTION	SOUTH	SOUTHWEST	EAST	
WIND SPEED	5.0	7.0	5.0	M/H
CLOUD COVER	PAR.CLOUD	PAR.CLOUD	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	---/16 3.00/5.00	IN
P, WATERHEMP, COMMO		---/16 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		---/14 1.00/2.00	---/18 1.00/4.00	IN
P, FOXTAIL, GIANT		---/13 1.00/3.00	---/15 2.00/6.00	IN
P, COCKLEBUR, COMMO		---/15 2.00/4.00	---/16 3.00/6.00	IN

**\* TIMING CODES**

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

**\* STAGE CODE**

13 = 3 LEAVES UNFOLDED  
13 = 3 LEAVES UNFOLDED  
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS 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  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** 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 CON % 05/21/15	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
		RATE	UNIT	TM						
1A	»ACURON 3.44 ZC	2.57	LAA	9	0	0	97	99	99	99
2A	»ACURON 3.44 ZC	2.57	LAA	9	0	0	98	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	0	0	98	99	99	99
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	0	0	92	99	99	80
5A	»SURESTART II 4	1.56	LAA	9	0	0	96	99	99	74
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	0	0	94	99	99	88
7A	»VERDICT 5.57L	0.78	LAA	9	0	0	99	99	99	94
	B ATRAZINE DF	1.00	LAA	9						
8A	»CORVUS 2.6SC	0.114	LAA	9	0	0	84	99	96	96
	B ATRAZINE DF	1.00	LAA	9						
9A	»ACURON 3.44 ZC	1.29	LAA	9	0	0	92	99	99	96
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	»ACURON 3.44 ZC	1.29	LAA	9	0	0	86	99	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
11A	»HARNES EXTRA	2.80	LAA	9	0	0	98	99	99	86
	B»BAL FLEXX 2L	0.047	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	0	0	92	99	96	67
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	0	0	99	99	99	64
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	0	0	94	99	99	94
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APROACH 2.08L	0.049	LAA	12						

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

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD		SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/21/15	CON % 05/24/15	CON % 05/24/15	CON % 05/24/15	CON % 05/24/15	CON % 05/24/15
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A	»KEYSTONE NXT 5	3.50	LAA	9	0	0	99	99	99	77
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
17A	»SURESTART II 4	1.04	LAA	9	0	0	98	99	99	84
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	29	32	99	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 ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APPROACH 2.08L	0.049	LAA	11						
19A	»BKFREE NXT ATZ	3.50	LAA	11	15	22	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 ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APPROACH 2.08L	0.049	LAA	11						
20A	»ACURON 3.44 ZC	1.72	LAA	11	1	9	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»TOUCHDN TOTAL	0.98	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
21A	»HALEX GT 4.38L	1.97	LAA	11	0	12	99	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	»CALLISTO GT 4.	1.05	LAA	11	0	3	97	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
23A	»RNDUP POWERMAX	1.125	LAA	11	0	1	99	99	99	97
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
24A	»RNDUP POWERMAX	1.125	LAA	11	0	7	99	99	99	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)				1.15	2.48	3.86	0.00	2.40	13.22
	STANDARD DEVIATION				0.574	1.24	1.93	0.00	1.20	6.61

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**CREATED:** 04/14/2015 **REVISED:** 10/22/2015 **COMPLETED:** N  
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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 % 05/24/15	XANST CON % 05/24/15	ZEAMD CON % 06/08/15	SETFA CON % 06/08/15	CHEAL CON % 06/08/15	AMATA CON % 06/08/15
		RATE	UNIT	TM						
1A	»ACURON 3.44 ZC	2.57	LAA	9	88	91	0	93	99	99
2A	»ACURON 3.44 ZC	2.57	LAA	9	87	93	0	83	99	99
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	90	93	0	99	99	99
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	74	77	0	85	99	99
5A	»SURESTART II 4	1.56	LAA	9	64	71	0	93	99	99
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	87	86	0	91	99	96
7A	»VERDICT 5.57L	0.78	LAA	9	94	96	0	93	99	99
	B ATRAZINE DF	1.00	LAA	9						
8A	»CORVUS 2.6SC	0.114	LAA	9	83	89	0	77	99	99
	B ATRAZINE DF	1.00	LAA	9						
9A	»ACURON 3.44 ZC	1.29	LAA	9	80	85	0	99	99	97
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	»ACURON 3.44 ZC	1.29	LAA	9	73	80	0	80	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
11A	»HARNES EXTRA	2.80	LAA	9	80	87	0	99	99	98
	B»BAL FLEXX 2L	0.047	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	52	60	0	99	99	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	68	75	0	99	99	97
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	90	91	0	99	99	99
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APROACH 2.08L	0.049	LAA	12						

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

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	XANST	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	CON % 05/24/15	CON % 05/24/15	CON % 06/08/15	CON % 06/08/15	CON % 06/08/15	CON % 06/08/15
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A	»KEYSTONE NXT 5	3.50	LAA	9	80	88	3	99	99	98
	B»HORNET 68.5WG	0.171	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
17A	»SURESTART II 4	1.04	LAA	9	65	73	3	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	99	99	12	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 ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APPROACH 2.08L	0.049	LAA	11						
19A	»BKFREE NXT ATZ	3.50	LAA	11	99	99	4	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 ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APPROACH 2.08L	0.049	LAA	11						
20A	»ACURON 3.44 ZC	1.72	LAA	11	98	98	5	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»TOUCHDN TOTAL	0.98	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
21A	»HALEX GT 4.38L	1.97	LAA	11	98	99	5	99	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	»CALLISTO GT 4.	1.05	LAA	11	98	98	1	96	99	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
23A	»RNDUP POWERMAX	1.125	LAA	11	92	97	3	96	99	99
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
24A	»RNDUP POWERMAX	1.125	LAA	11	96	98	3	93	99	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			12.00	11.83	4.10	7.75	0.00	2.22
		STANDARD DEVIATION			6.00	5.92	2.00	3.88	0.00	1.11

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**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 % 06/08/15	PHBPU CON % 06/08/15	XANST CON % 06/08/15	ZEAMD CON % 07/01/15	SETFA CON % 07/01/15	CHEAL CON % 07/01/15
		RATE	UNIT	TM						
1A	»ACURON 3.44 ZC	2.57	LAA	9	99	70	86	0	85	99
2A	»ACURON 3.44 ZC	2.57	LAA	9	99	77	95	0	85	99
	B ATRAZINE DF	1.00	LAA	9						
3A	»ACURON 3.44 ZC	2.57	LAA	9	99	91	96	0	99	99
	B»TOUCHDN TOTAL	0.98	LAA	12						
	C»STATUS 56DG	0.175	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	90	75	68	0	88	99
5A	»SURESTART II 4	1.56	LAA	9	91	72	75	0	96	99
	B ATRAZINE DF	1.00	LAA	9						
6A	»VERDICT 5.57L	0.696	LAA	9	95	83	88	0	80	99
7A	»VERDICT 5.57L	0.78	LAA	9	96	83	92	0	95	99
	B ATRAZINE DF	1.00	LAA	9						
8A	»CORVUS 2.6SC	0.114	LAA	9	99	62	99	0	83	99
	B ATRAZINE DF	1.00	LAA	9						
9A	»ACURON 3.44 ZC	1.29	LAA	9	99	96	99	0	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»HALEX GT 4.38L	1.97	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	»ACURON 3.44 ZC	1.29	LAA	9	99	91	99	0	85	99
	B ATRAZINE DF	0.50	LAA	9						
	C»ACURON 3.44 ZC	1.29	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
11A	»HARNES EXTRA	2.80	LAA	9	99	95	99	0	99	99
	B»BAL FLEXX 2L	0.047	LAA	9						
	C»RNDUP POWERMAX	1.125	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	CINCH ATZ	2.06	LAA	9	99	96	99	0	98	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APROACH 2.08L	0.049	LAA	12						
13A	»BKFREE NXT ATZ	3.50	LAA	9	99	94	99	0	98	99
	B»REALM Q	4.00	OMA	0						
	C RESOLVE 25DF	0.0188	LAA	12						
	D»MESOTRIONE 50W	0.078	LAA	12						
	E»ISOXADIFEN-ETH	0.0094	LAA	12						
	F ATRAZINE DF	1.00	LAA	12						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»APROACH 2.08L	0.049	LAA	12						
14A	CINCH ATZ	3.44	LAA	9	99	90	99	0	99	99
	B»INSTIGATE	6.00	OMA	0						
	C RESOLVE 25DF	0.0156	LAA	9						
	D»MESOTRIONE 50W	0.156	LAA	9						
	E ATRAZINE DF	0.50	LAA	9						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»APROACH 2.08L	0.049	LAA	12						

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

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL
		RATE	UNIT	TM	CON % 06/08/15	CON % 06/08/15	CON % 06/08/15	CON % 07/01/15	CON % 07/01/15	CON % 07/01/15
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A	»KEYSTONE NXT 5	3.50	LAA	9	99	94	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	»SURESTART II 4	1.04	LAA	9	99	87	97	0	98	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	1.00	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	CINCH ATZ	3.44	LAA	11	99	92	98	0	98	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 ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APPROACH 2.08L	0.049	LAA	11						
19A	»BKFREE NXT ATZ	3.50	LAA	11	99	90	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 ATRAZINE DF	1.00	LAA	11						
	G»ABUNDIT EXTRA	0.75	LAA	11						
	H»APPROACH 2.08L	0.049	LAA	11						
20A	»ACURON 3.44 ZC	1.72	LAA	11	99	96	99	0	98	99
	B ATRAZINE DF	0.50	LAA	11						
	C»TOUCHDN TOTAL	0.98	LAA	11						
	D»ACTIVATOR 90	0.25	PMV	11						
	E»LIQUID AMS	2.50	PMV	11						
21A	»HALEX GT 4.38L	1.97	LAA	11	99	90	97	0	96	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	»CALLISTO GT 4.	1.05	LAA	11	99	87	96	0	94	99
	B ATRAZINE DF	0.50	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
23A	»RNDUP POWERMAX	1.125	LAA	11	99	82	96	0	90	99
	B»STATUS 56DG	0.088	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
24A	»RNDUP POWERMAX	1.125	LAA	11	99	80	96	0	80	99
	B IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			4.11	11.22	8.00	0.00	6.81	0.00
		STANDARD DEVIATION			2.05	5.61	4.00	0.00	3.41	0.00

**TITLE:** 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 CON % 07/01/15	ABUTH CON % 07/01/15	PHBPU CON % 07/01/15	XANST CON % 07/01/15	YIELD BU/A 10/01/15
		RATE	UNIT	TM					
1A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	80	91	185.4
2A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	87	96	176.5
	B ATRAZINE DF	1.00	LAA	9					
3A	»ACURON 3.44 ZC	2.57	LAA	9	99	99	95	98	204.4
	B»TOUCHDN TOTAL	0.98	LAA	12					
	C»STATUS 56DG	0.175	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
4A	»ANTHEM ATZ 4.5	1.55	LAA	9	99	96	87	88	171.4
5A	»SURESTART II 4	1.56	LAA	9	99	87	75	85	145.4
	B ATRAZINE DF	1.00	LAA	9					
6A	»VERDICT 5.57L	0.696	LAA	9	99	86	83	88	150.1
7A	»VERDICT 5.57L	0.78	LAA	9	99	98	92	95	162.5
	B ATRAZINE DF	1.00	LAA	9					
8A	»CORVUS 2.6SC	0.114	LAA	9	99	99	85	99	157.3
	B ATRAZINE DF	1.00	LAA	9					
9A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	97	98	187.7
	B ATRAZINE DF	0.50	LAA	9					
	C»HALEX GT 4.38L	1.97	LAA	12					
	D ATRAZINE DF	0.50	LAA	12					
	E»ACTIVATOR 90	0.25	PMV	12					
	F»LIQUID AMS	2.50	PMV	12					
10A	»ACURON 3.44 ZC	1.29	LAA	9	99	99	98	99	186.3
	B ATRAZINE DF	0.50	LAA	9					
	C»ACURON 3.44 ZC	1.29	LAA	12					
	D ATRAZINE DF	0.50	LAA	12					
	E»ACTIVATOR 90	0.25	PMV	12					
11A	»HARNES EXTRA	2.80	LAA	9	99	99	92	98	181.3
	B»BAL FLEXX 2L	0.047	LAA	9					
	C»RNDUP POWERMAX	1.125	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
12A	CINCH ATZ	2.06	LAA	9	99	99	96	97	207.6
	B»REALM Q	4.00	OMA	0					
	C RESOLVE 25DF	0.0188	LAA	12					
	D»MESOTRIONE 50W	0.078	LAA	12					
	E»ISOXADIFEN-ETH	0.0094	LAA	12					
	F ATRAZINE DF	1.00	LAA	12					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»APROACH 2.08L	0.049	LAA	12					
13A	»BKFREE NXT ATZ	3.50	LAA	9	99	99	93	95	201.1
	B»REALM Q	4.00	OMA	0					
	C RESOLVE 25DF	0.0188	LAA	12					
	D»MESOTRIONE 50W	0.078	LAA	12					
	E»ISOXADIFEN-ETH	0.0094	LAA	12					
	F ATRAZINE DF	1.00	LAA	12					
	G»ABUNDIT EXTRA	0.75	LAA	12					
	H»APROACH 2.08L	0.049	LAA	12					
14A	CINCH ATZ	3.44	LAA	9	99	99	92	99	205.5
	B»INSTIGATE	6.00	OMA	0					
	C RESOLVE 25DF	0.0156	LAA	9					
	D»MESOTRIONE 50W	0.156	LAA	9					
	E ATRAZINE DF	0.50	LAA	9					
	F»ABUNDIT EXTRA	0.75	LAA	12					
	G»APROACH 2.08L	0.049	LAA	12					

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

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	ABUTH	PHBPU	XANST	YIELD
		RATE	UNIT	TM	CON % 07/01/15	CON % 07/01/15	CON % 07/01/15	CON % 07/01/15	BU/A 10/01/15
15A	CHECK	0.00	NA	0	0	0	0	0	111.1
16A	»KEYSTONE NXT 5	3.50	LAA	9	99	99	96	99	201.2
	B»HORNET 68.5WG	0.171	LAA	9					
	C»DURANGO 4AE	1.00	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
17A	»SURESTART II 4	1.04	LAA	9	99	99	90	95	196.9
	B ATRAZINE DF	1.00	LAA	9					
	C»DURANGO 4AE	1.00	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
18A	CINCH ATZ	3.44	LAA	11	99	99	95	95	192.1
	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 ATRAZINE DF	1.00	LAA	11					
	G»ABUNDIT EXTRA	0.75	LAA	11					
	H»APPROACH 2.08L	0.049	LAA	11					
19A	»BKFREE NXT ATZ	3.50	LAA	11	99	99	97	97	188.9
	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 ATRAZINE DF	1.00	LAA	11					
	G»ABUNDIT EXTRA	0.75	LAA	11					
	H»APPROACH 2.08L	0.049	LAA	11					
20A	»ACURON 3.44 ZC	1.72	LAA	11	99	99	97	99	190.3
	B ATRAZINE DF	0.50	LAA	11					
	C»TOUCHDN TOTAL	0.98	LAA	11					
	D»ACTIVATOR 90	0.25	PMV	11					
	E»LIQUID AMS	2.50	PMV	11					
21A	»HALEX GT 4.38L	1.97	LAA	11	99	99	93	98	211.4
	B ATRAZINE DF	0.50	LAA	11					
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
22A	»CALLISTO GT 4.	1.05	LAA	11	99	99	94	96	198.5
	B ATRAZINE DF	0.50	LAA	11					
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
23A	»RNDUP POWERMAX	1.125	LAA	11	99	99	88	92	192.8
	B»STATUS 56DG	0.088	LAA	11					
	C»LIQUID AMS	2.50	PMV	11					
24A	»RNDUP POWERMAX	1.125	LAA	11	99	99	85	92	215.5
	B IMPACT 2.8SC	0.016	LAA	11					
	C ATRAZINE DF	0.50	LAA	11					
	D»LIQUID AMS	2.50	PMV	11					
		LSD (0.05)			0.00	7.00	6.81	6.00	26.49
		STANDARD DEVIATION			0.00	3.48	3.41	3.00	13.25

» = 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	CTRTR	SS	NOTE
001	ZEAMD	CON %	05/21/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	05/24/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	05/24/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: 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	CTRTR	SS	NOTE
004	CHEAL	CON %	05/24/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	05/24/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/24/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/24/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST	CON %	05/24/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/08/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/08/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/08/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	06/08/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/08/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/08/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	06/08/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	07/01/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	SETFA	CON %	07/01/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/01/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMATA	CON %	07/01/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	07/01/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/01/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	XANST	CON %	07/01/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	YIELD	BU/A	10/01/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = GH G10 D98-3122