

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	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/22/10	06/01/10	06/04/10	AME
AIR TEMPERATURE	74	84	78	F
% REL.HUMIDITY	39	32	57	
WIND DIRECTION	SOUTH	SOUTHEAST	SOUTHEAST	
WIND SPEED	2.0	4.0	2.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	PARTCLDY	
DEW	NO	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
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	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
CORN, DENT		---/16	---/16	
G85V88RR/LL		18.0/18.0	22.0/22.0	IN
04/22/2010				
*** PEST ***				
VELVETLEAF		---/14	---/16	
		2.00/4.00	4.00/10.0	IN
WATERHEMP, COMMO		---/19	---/19	
		3.00/6.00	4.00/10.0	IN
LAMBSQUARTERS, C		---/19	---/19	
		2.00/4.00	3.00/6.00	IN
MORNINGGLORY, TA		---/18	---/19	
		2.00/4.00	4.00/8.00	IN
FOXTAIL, GIANT		---/15	---/17	
		3.00/6.00	4.00/12.0	IN
COCKLEBUR, COMMO		---/14	---/16	
		3.00/6.00	4.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 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

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in RR/LL Corn. AS-100
CREATED: 04/14/2010 **REVISED:** 10/19/2010 **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 CON % 05/21/10	SETFA CON % 05/21/10	CHEAL CON % 05/21/10	AMATA CON % 05/21/10	ABUTH CON % 05/21/10	XANST CON % 05/21/10
		RATE	UNIT	TM						
1A	DUAL II MAGNUM	0.96	LAA	9	0	78	57	70	17	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						
2A	BICEP II MAG	1.79	LAA	9	0	88	99	99	47	37
	B>HALEX GT 4.38L	1.97	LAA	12						
	C>ACTIVATOR 90	0.25	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
3A	GUARDS MAX 5L	1.56	LAA	9	0	92	99	99	53	48
	B>RNDUP POWERMAX	0.77	LAA	12						
	C>STATUS 56DG	0.088	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
4A	LEXAR 3.7L	1.39	LAA	9	0	84	99	99	99	62
	B>HALEX GT 4.38L	1.97	LAA	12						
	C>ACTIVATOR 90	0.25	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.10	LAA	9	0	99	99	99	63	55
	B>RNDUP POWERMAX	0.77	LAA	12						
	C NORTHSTAR	0.074	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
6A	HARNESS (7EC)	1.09	LAA	9	0	97	94	96	35	30
	B>CAPRENO 3.45 S	0.081	LAA	12						
	C>TOUCHDN TOTAL	0.78	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
7A	LUMAX	1.48	LAA	9	0	94	99	99	99	67
	B>TOUCHDN TOTAL	0.78	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
8A	LUMAX	1.48	LAA	9	0	97	99	99	99	75
	B>HALEX GT 4.38L	1.97	LAA	12						
	C>ACTIVATOR 90	0.25	PMV	12						
	D>LIQUID AMS	2.50	PMV	12						
9A	CORVUS 2.6SC	0.061	LAA	9	0	57	96	97	99	38
	B>CAPRENO 3.45 S	0.081	LAA	12						
	C>RNDUP POWERMAX	0.77	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
10A	BICEP II MAG	1.44	LAA	9	0	88	99	99	40	33
11A	BICEP II MAG	1.44	LAA	9	0	83	99	99	43	37
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D>MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	BICEP II MAG	1.44	LAA	9	0	90	99	99	43	33
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D>MSO	1.00	PMV	12						
	E 28% UAN	3.00	PMA	12						
13A	BICEP II MAG	1.44	LAA	9	0	70	97	97	38	33
	B>CAPRENO 3.45 S	0.081	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D>COC	1.00	PMA	12						
	E 28% UAN	3.00	PMA	12						

TITLE: Weed Control Systems in RR/LL Corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	XANST
		RATE	UNIT	TM	CON % 05/21/10	CON % 05/21/10	CON % 05/21/10	CON % 05/21/10	CON % 05/21/10	CON % 05/21/10
14A»	VERDICT 5.57L	0.57	LAA	9	0	96	99	99	99	97
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
15A	DUAL II MAGNUM	0.72	LAA	9	0	70	45	65	0	0
	B IMPACT 2.8SC	0.022	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»MSO	1.00	PMV	13						
	E 28% UAN	2.50	PMV	13						
16A	DUAL II MAGNUM	0.72	LAA	9	0	72	53	67	0	0
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
17A	DUAL II MAGNUM	0.72	LAA	9	0	72	53	67	0	0
	B IMPACT 2.8SC	0.011	LAA	13						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D ATRAZINE DF	0.50	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	DUAL II MAGNUM	0.72	LAA	9	0	70	52	68	0	0
	B IMPACT 2.8SC	0.016	LAA	13						
	C»RNDUP POWERMAX	0.38	LAA	13						
	D»SUPERB HC	0.50	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
20A»	CORVUS 2.6SC	0.061	LAA	9	0	58	94	94	95	55
	B»IGNITE 2.33SL	0.40	LAA	13						
	C»LAUDIS 3.5SC	0.055	LAA	13						
	D ATRAZINE DF	0.50	LAA	13						
	LSD (0.05)				0.00	9.59	6.51	6.41	6.47	9.09
	STANDARD DEVIATION				0.00	4.75	3.22	3.17	3.20	4.50

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CREATED: 04/14/2010 **REVISED:** 10/19/2010 **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 % 05/21/10	ZEAMD 10 DAT 06/10/10	SETFA 10 DAT 06/10/10	CHEAL 10 DAT 06/10/10	AMATA 10 DAT 06/10/10	ABUTH 10 DAT 06/10/10
		RATE	UNIT	TM						
1A	DUAL II MAGNUM	0.96	LAA	9	0	2	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						
2A	BICEP II MAG	1.79	LAA	9	38	3	99	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
3A»	GUARDS MAX 5L	1.56	LAA	9	47	0	98	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	1.39	LAA	9	55	3	99	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.10	LAA	9	52	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C NORTHSTAR	0.074	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	HARNESS (7EC)	1.09	LAA	9	23	4	98	99	99	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C»TOUCHDN TOTAL	0.78	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
7A	LUMAX	1.48	LAA	9	55	1	98	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	LUMAX	1.48	LAA	9	67	2	99	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	CORVUS 2.6SC	0.061	LAA	9	30	1	96	99	99	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A	BICEP II MAG	1.44	LAA	9	33	0	77	99	99	3
11A	BICEP II MAG	1.44	LAA	9	37	0	82	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 28% UAN	2.50	PMV	12						
12A	BICEP II MAG	1.44	LAA	9	37	0	88	99	99	99
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	3.00	PMA	12						
13A	BICEP II MAG	1.44	LAA	9	30	1	63	99	99	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMA	12						
	E 28% UAN	3.00	PMA	12						

TITLE: Weed Control Systems in RR/LL Corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/21/10	10 DAT 06/10/10	10 DAT 06/10/10	10 DAT 06/10/10	10 DAT 06/10/10	10 DAT 06/10/10
14A»	VERDICT 5.57L	0.57	LAA	9	96	0	96	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 28% UAN	2.50	PMV	12						
15A	DUAL II MAGNUM	0.72	LAA	9	0	0	98	99	99	99
	B IMPACT 2.8SC	0.022	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»MSO	1.00	PMV	13						
	E 28% UAN	2.50	PMV	13						
16A	DUAL II MAGNUM	0.72	LAA	9	0	0	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
17A	DUAL II MAGNUM	0.72	LAA	9	0	0	99	99	99	99
	B IMPACT 2.8SC	0.011	LAA	13						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D ATRAZINE DF	0.50	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	DUAL II MAGNUM	0.72	LAA	9	0	0	99	99	96	99
	B IMPACT 2.8SC	0.016	LAA	13						
	C»RNDUP POWERMAX	0.38	LAA	13						
	D»SUPERB HC	0.50	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
20A»	CORVUS 2.6SC	0.061	LAA	9	52	0	93	99	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						
		LSD (0.05)			8.91	0.916	4.42	0.00	1.92	2.13
		STANDARD DEVIATION			4.41	0.453	2.19	0.00	0.949	1.05

TITLE: Weed Control Systems in RR/LL Corn. AS-100
CREATED: 04/14/2010 **REVISED:** 10/19/2010 **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	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	10 DAT 06/10/10	10 DAT 06/10/10	30 DAT 06/28/10	30 DAT 06/28/10	30 DAT 06/28/10	30 DAT 06/28/10
1A	DUAL II MAGNUM	0.96	LAA	9	99	47	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						
2A	BICEP II MAG	1.79	LAA	9	99	53	0	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
3A»	GUARDS MAX 5L	1.56	LAA	9	99	73	0	98	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	1.39	LAA	9	99	57	0	98	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.10	LAA	9	99	57	0	98	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C NORTHSTAR	0.074	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	HARNESS (7EC)	1.09	LAA	9	99	43	0	99	99	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C»TOUCHDN TOTAL	0.78	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
7A	LUMAX	1.48	LAA	9	99	68	0	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	LUMAX	1.48	LAA	9	99	80	0	99	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	CORVUS 2.6SC	0.061	LAA	9	99	53	0	96	99	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A	BICEP II MAG	1.44	LAA	9	0	0	0	53	99	99
11A	BICEP II MAG	1.44	LAA	9	95	53	0	97	99	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	BICEP II MAG	1.44	LAA	9	96	82	0	91	99	99
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	3.00	PMA	12						
13A	BICEP II MAG	1.44	LAA	9	98	53	0	57	99	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMA	12						
	E 28% UAN	3.00	PMA	12						

TITLE: Weed Control Systems in RR/LL Corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	10 DAT 06/10/10	10 DAT 06/10/10	30 DAT 06/28/10	30 DAT 06/28/10	30 DAT 06/28/10	30 DAT 06/28/10
14A»	VERDICT 5.57L	0.57	LAA	9	99	90	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 28% UAN	2.50	PMV	12						
15A	DUAL II MAGNUM	0.72	LAA	9	99	62	0	98	99	99
	B IMPACT 2.8SC	0.022	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»MSO	1.00	PMV	13						
	E 28% UAN	2.50	PMV	13						
16A	DUAL II MAGNUM	0.72	LAA	9	99	47	0	98	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
17A	DUAL II MAGNUM	0.72	LAA	9	99	60	0	99	99	99
	B IMPACT 2.8SC	0.011	LAA	13						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D ATRAZINE DF	0.50	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	DUAL II MAGNUM	0.72	LAA	9	99	35	0	99	99	99
	B IMPACT 2.8SC	0.016	LAA	13						
	C»RNDUP POWERMAX	0.38	LAA	13						
	D»SUPERB HC	0.50	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
20A»	CORVUS 2.6SC	0.061	LAA	9	99	92	0	88	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						
		LSD (0.05)			2.10	7.54	0.00	6.00	0.00	0.00
		STANDARD DEVIATION			1.00	3.73	0.00	3.00	0.00	0.00

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CREATED: 04/14/2010 **REVISED:** 10/19/2010 **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	XANST	PHBPU	ZEAMD	SETFA	CHEAL
		RATE	UNIT	TM	30 DAT 06/28/10	30 DAT 06/28/10	30 DAT 06/28/10	60 DAT 08/06/10	60 DAT 08/06/10	60 DAT 08/06/10
1A	DUAL II MAGNUM	0.96	LAA	9	99	99	73	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						
2A	BICEP II MAG	1.79	LAA	9	99	99	75	0	97	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
3A»	GUARDS MAX 5L	1.56	LAA	9	99	99	78	0	96	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	1.39	LAA	9	99	99	80	0	98	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.10	LAA	9	99	99	67	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	12						
	C NORTHSTAR	0.074	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	HARNESS (7EC)	1.09	LAA	9	99	93	50	0	95	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C»TOUCHDN TOTAL	0.78	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
7A	LUMAX	1.48	LAA	9	99	99	57	0	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
8A	LUMAX	1.48	LAA	9	99	99	83	0	99	99
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
9A»	CORVUS 2.6SC	0.061	LAA	9	99	99	68	0	96	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
10A	BICEP II MAG	1.44	LAA	9	0	0	0	0	60	99
11A	BICEP II MAG	1.44	LAA	9	99	99	53	0	98	99
	B IMPACT 2.8SC	0.016	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	BICEP II MAG	1.44	LAA	9	99	91	83	0	92	99
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	3.00	PMA	12						
13A	BICEP II MAG	1.44	LAA	9	99	96	50	0	57	99
	B»CAPRENO 3.45 S	0.081	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMA	12						
	E 28% UAN	3.00	PMA	12						

TITLE: Weed Control Systems in RR/LL Corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	XANST	PHBPU	ZEAMD	SETFA	CHEAL
		RATE	UNIT		30 DAT 06/28/10	30 DAT 06/28/10	30 DAT 06/28/10	60 DAT 08/06/10	60 DAT 08/06/10	60 DAT 08/06/10
14A»	VERDICT 5.57L	0.57	LAA	9	99	99	83	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 28% UAN	2.50	PMV	12						
15A	DUAL II MAGNUM	0.72	LAA	9	99	99	78	0	91	99
	B IMPACT 2.8SC	0.022	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»MSO	1.00	PMV	13						
	E 28% UAN	2.50	PMV	13						
16A	DUAL II MAGNUM	0.72	LAA	9	99	98	37	0	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»LIQUID AMS	2.50	PMV	13						
17A	DUAL II MAGNUM	0.72	LAA	9	99	98	57	0	96	99
	B IMPACT 2.8SC	0.011	LAA	13						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D ATRAZINE DF	0.50	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	DUAL II MAGNUM	0.72	LAA	9	99	99	33	0	99	99
	B IMPACT 2.8SC	0.016	LAA	13						
	C»RNDUP POWERMAX	0.38	LAA	13						
	D»SUPERB HC	0.50	PMV	13						
	E»LIQUID AMS	2.50	PMV	13						
20A»	CORVUS 2.6SC	0.061	LAA	9	99	94	78	0	87	99
	B»IGNITE 2.33SL	0.40	LAA	13						
	C»LAUDIS 3.5SC	0.055	LAA	13						
	D ATRAZINE DF	0.50	LAA	13						
		LSD (0.05)			0.00	4.52	11.91	0.00	7.64	0.00
		STANDARD DEVIATION			0.00	2.24	5.89	0.00	3.78	0.00

TITLE: Weed Control Systems in RR/LL Corn. AS-100
CREATED: 04/14/2010 **REVISED:** 10/19/2010 **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	ABUTH	XANST	PHBPU	YIELD
		RATE	UNIT	TM	60 DAT 08/06/10	60 DAT 08/06/10	60 DAT 08/06/10	60 DAT 08/06/10	BU/A 10/14/10
1A	DUAL II MAGNUM	0.96	LAA	9	99	99	99	85	200.4
	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					
2A	BICEP II MAG	1.79	LAA	9	99	99	99	83	207.1
	B»HALEX GT 4.38L	1.97	LAA	12					
	C»ACTIVATOR 90	0.25	PMV	12					
	D»LIQUID AMS	2.50	PMV	12					
3A»	GUARDS MAX 5L	1.56	LAA	9	99	99	98	82	206.8
	B»RNDUP POWERMAX	0.77	LAA	12					
	C»STATUS 56DG	0.088	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
4A»	LEXAR 3.7L	1.39	LAA	9	99	99	99	87	203.8
	B»HALEX GT 4.38L	1.97	LAA	12					
	C»ACTIVATOR 90	0.25	PMV	12					
	D»LIQUID AMS	2.50	PMV	12					
5A	HARNESS XTRA	2.10	LAA	9	99	99	99	83	206.4
	B»RNDUP POWERMAX	0.77	LAA	12					
	C NORTHSTAR	0.074	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
6A	HARNESS (7EC)	1.09	LAA	9	99	99	99	67	194.6
	B»CAPRENO 3.45 S	0.081	LAA	12					
	C»TOUCHDN TOTAL	0.78	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
7A	LUMAX	1.48	LAA	9	99	99	99	77	203.1
	B»TOUCHDN TOTAL	0.78	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
8A	LUMAX	1.48	LAA	9	99	99	99	90	218.8
	B»HALEX GT 4.38L	1.97	LAA	12					
	C»ACTIVATOR 90	0.25	PMV	12					
	D»LIQUID AMS	2.50	PMV	12					
9A»	CORVUS 2.6SC	0.061	LAA	9	99	99	99	82	207.1
	B»CAPRENO 3.45 S	0.081	LAA	12					
	C»RNDUP POWERMAX	0.77	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
10A	BICEP II MAG	1.44	LAA	9	99	0	0	0	142.3
11A	BICEP II MAG	1.44	LAA	9	99	99	99	78	201.2
	B IMPACT 2.8SC	0.016	LAA	12					
	C ATRAZINE DF	0.50	LAA	12					
	D»MSO	1.00	PMV	12					
	E 28% UAN	2.50	PMV	12					
12A	BICEP II MAG	1.44	LAA	9	99	99	99	80	200.2
	B»LAUDIS 3.5SC	0.082	LAA	12					
	C ATRAZINE DF	0.50	LAA	12					
	D»MSO	1.00	PMV	12					
	E 28% UAN	3.00	PMA	12					
13A	BICEP II MAG	1.44	LAA	9	99	99	98	72	199.2
	B»CAPRENO 3.45 S	0.081	LAA	12					
	C ATRAZINE DF	0.50	LAA	12					
	D»COC	1.00	PMA	12					
	E 28% UAN	3.00	PMA	12					

TITLE: Weed Control Systems in RR/LL Corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA 60 DAT 08/06/10	ABUTH 60 DAT 08/06/10	XANST 60 DAT 08/06/10	PHBPU 60 DAT 08/06/10	YIELD BU/A 10/14/10
14A»	VERDICT 5.57L	0.57	LAA	9	99	99	98	90	205.2
	B IMPACT 2.8SC	0.016	LAA	12					
	C ATRAZINE DF	0.50	LAA	12					
	D»MSO	1.00	PMV	12					
	E 28% UAN	2.50	PMV	12					
15A	DUAL II MAGNUM	0.72	LAA	9	99	99	98	82	191.2
	B IMPACT 2.8SC	0.022	LAA	13					
	C ATRAZINE DF	0.50	LAA	13					
	D»MSO	1.00	PMV	13					
	E 28% UAN	2.50	PMV	13					
16A	DUAL II MAGNUM	0.72	LAA	9	99	99	94	60	188.4
	B»RNDUP POWERMAX	0.77	LAA	13					
	C»LIQUID AMS	2.50	PMV	13					
17A	DUAL II MAGNUM	0.72	LAA	9	99	99	99	77	194.0
	B IMPACT 2.8SC	0.011	LAA	13					
	C»RNDUP POWERMAX	0.77	LAA	13					
	D ATRAZINE DF	0.50	LAA	13					
	E»LIQUID AMS	2.50	PMV	13					
18A	CHECK	0.00	NA	0	0	0	0	0	106.0
19A	DUAL II MAGNUM	0.72	LAA	9	99	99	96	53	192.0
	B IMPACT 2.8SC	0.016	LAA	13					
	C»RNDUP POWERMAX	0.38	LAA	13					
	D»SUPERB HC	0.50	PMV	13					
	E»LIQUID AMS	2.50	PMV	13					
20A»	CORVUS 2.6SC	0.061	LAA	9	99	99	99	87	208.1
	B»IGNITE 2.33SL	0.40	LAA	13					
	C»LAUDIS 3.5SC	0.055	LAA	13					
	D ATRAZINE DF	0.50	LAA	13					
	LSD (0.05)				0.00	0.213	3.50	6.42	16.63
	STANDARD DEVIATION				0.00	0.105	1.73	3.18	8.23

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 04/22/2010(1)
- 12 = ----- / POST 06/01/2010(2)
- 13 = ----- / LPOST 06/04/2010(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 %	05/21/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/21/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/21/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/21/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/21/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	05/21/2010	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/21/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	10 DAT	06/10/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	10 DAT	06/10/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/10/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	10 DAT	06/10/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	10 DAT	06/10/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	10 DAT	06/10/2010	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	10 DAT	06/10/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	30 DAT	06/28/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	30 DAT	06/28/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	30 DAT	06/28/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	30 DAT	06/28/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	30 DAT	06/28/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	30 DAT	06/28/2010	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	30 DAT	06/28/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	60 DAT	08/06/2010	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	60 DAT	08/06/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in RR/LL Corn. AS-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
024	CHEAL	60 DAT	08/06/2010	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	60 DAT	08/06/2010	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	60 DAT	08/06/2010	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	XANST	60 DAT	08/06/2010	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	PHBPU	60 DAT	08/06/2010	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	YIELD	BU/A	10/14/2010	01	P	ZEAMD		RAW	---	YLD	---	---	0.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = G85V88RR/LL