

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: 4

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/27/09	06/15/09	06/23/09	AME
AIR TEMPERATURE	77	74	93	F
% REL.HUMIDITY	64	52	68	
WIND DIRECTION	SOUTHWEST	EAST	EAST	
WIND SPEED	8.0	4.0	2.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	CLEAR	
DEW	NO	NO	NO	
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	32.00	32.00	32.00	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		---/14	---/17	
05/27/2009		11.0/11.0	24.0/24.0	IN
*** PEST ***				
VELVETLEAF		---/13	---/18	
		1.00/3.00	4.00/10.0	IN
WATERHEMP, COMMO		---/19	---/19	
		1.00/3.00	4.00/12.0	IN
LAMBSQUARTERS, C		---/17	---/19	
		1.00/1.00	4.00/8.00	IN
MORNINGGLORY, TA		---/12	---/19	
		1.00/2.00	3.00/6.00	IN
FOXTAIL, GIANT		---/14	---/18	
		2.00/6.00	4.00/12.0	IN
COCKLEBUR, COMMO		---/13	---/18	
		2.00/4.00	6.00/12.0	IN

\* TIMING CODES

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

\* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 17 = 7 LEAVES UNFOLDED  
 18 = 8 LEAVES UNFOLDED

\* STAGE CODE

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

**TITLE:** Multi-state corn systems comparison in RR/LL corn. AS-400  
**CREATED:** 04/20/2009 **REVISED:** 11/23/2009 **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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	XANST
		RATE	UNIT	TM	CON % 06/12/09	CON % 06/12/09	CON % 06/12/09	CON % 06/12/09	CON % 06/12/09	CON % 06/12/09
1A	BICEP II MAG	1.65	LAA	9	0	71	88	80	61	45
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
2A»	LEXAR 3.7L	1.85	LAA	9	0	74	91	91	83	60
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
3A	BICEP II MAG	1.65	LAA	9	0	69	91	83	66	45
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
4A»	LEXAR 3.7L	1.85	LAA	9	0	75	95	95	85	60
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
5A	BICEP II MAG	1.65	LAA	9	0	74	93	88	63	50
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
6A»	LEXAR 3.7L	1.85	LAA	9	0	80	95	92	84	53
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
7A	BICEP II MAG	1.65	LAA	9	0	73	89	87	71	50
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
8A»	LEXAR 3.7L	1.85	LAA	9	0	76	93	91	88	60
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
9A	BICEP II MAG	1.65	LAA	11	0	C	C	C	C	C
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
10A»	LEXAR 3.7L	1.85	LAA	11	0	C	C	C	C	C
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
11A	BICEP II MAG	1.65	LAA	11	0	C	C	C	C	C
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
12A»	LEXAR 3.7L	1.85	LAA	11	0	C	C	C	C	C
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
13A	BICEP II MAG	1.65	LAA	11	0	C	C	C	C	C
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						
14A»	LEXAR 3.7L	1.85	LAA	11	0	C	C	C	C	C
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						

## TITLE: Multi-state corn systems comparison in RR/LL corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD CON % 06/12/09	SETFA CON % 06/12/09	CHEAL CON % 06/12/09	AMATA CON % 06/12/09	ABUTH CON % 06/12/09	XANST CON % 06/12/09
		RATE	UNIT TM						
15A	BICEP II MAG	1.65	LAA 11	0	C	C	C	C	C
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
16A»	LEXAR 3.7L	1.85	LAA 11	0	C	C	C	C	C
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
17A»	RNDUP POWERMAX	0.75	LAA 11	0	C	C	C	C	C
	B»LIQUID AMS	5.00	PMV 11						
	C»RNDUP POWERMAX	0.75	LAA 13						
	D»LIQUID AMS	5.00	PMV 13						
18A»	WEED FREE	0.00	NA 0	0	0	0	0	0	0
	B»LEXAR 3.7L	3.24	LAA 9						
	C»RNDUP POWERMAX	0.75	LAA 11						
	D»LIQUID AMS	5.00	PMV 11						
	E»RNDUP POWERMAX	0.75	LAA 13						
	F»LIQUID AMS	5.00	PMV 13						
		LSD (0.05)		0.00	5.89	3.80	4.46	7.52	7.51
		STANDARD DEVIATION		0.00	2.94	1.90	2.23	3.76	3.75

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**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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT		CON % 06/12/09	CON % 07/01/09	CON % 07/01/09	CON % 07/01/09	CON % 07/01/09	CON % 07/01/09
1A	BICEP II MAG	1.65	LAA	9	45	0	93	96	99	99
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
2A»	LEXAR 3.7L	1.85	LAA	9	54	0	94	99	99	99
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
3A	BICEP II MAG	1.65	LAA	9	48	0	87	95	98	99
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
4A»	LEXAR 3.7L	1.85	LAA	9	58	0	91	99	99	99
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
5A	BICEP II MAG	1.65	LAA	9	49	0	41	98	98	99
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
6A»	LEXAR 3.7L	1.85	LAA	9	49	0	43	98	99	99
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
7A	BICEP II MAG	1.65	LAA	9	45	0	66	95	98	98
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
8A»	LEXAR 3.7L	1.85	LAA	9	58	0	63	98	99	97
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
9A	BICEP II MAG	1.65	LAA	11	C	0	99	99	99	99
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
10A»	LEXAR 3.7L	1.85	LAA	11	C	0	98	99	99	99
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
11A	BICEP II MAG	1.65	LAA	11	C	0	98	99	97	99
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
12A»	LEXAR 3.7L	1.85	LAA	11	C	0	98	99	99	99
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
13A	BICEP II MAG	1.65	LAA	11	C	0	86	99	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						
14A»	LEXAR 3.7L	1.85	LAA	11	C	0	90	99	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		PHBPU CON % 06/12/09	ZEAMD CON % 07/01/09	SETFA CON % 07/01/09	CHEAL CON % 07/01/09	AMATA CON % 07/01/09	ABUTH CON % 07/01/09
		RATE	UNIT TM						
15A	BICEP II MAG	1.65	LAA 11	C	0	86	99	96	99
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
16A	»LEXAR 3.7L	1.85	LAA 11	C	0	93	99	99	99
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
17A	»RNDUP POWERMAX	0.75	LAA 11	C	0	99	99	99	99
	B»LIQUID AMS	5.00	PMV 11						
	C»RNDUP POWERMAX	0.75	LAA 13						
	D»LIQUID AMS	5.00	PMV 13						
18A	»WEED FREE	0.00	NA 0	0	0	0	0	0	0
	B»LEXAR 3.7L	3.24	LAA 9						
	C»RNDUP POWERMAX	0.75	LAA 11						
	D»LIQUID AMS	5.00	PMV 11						
	E»RNDUP POWERMAX	0.75	LAA 13						
	F»LIQUID AMS	5.00	PMV 13						
		LSD (0.05)		6.80	0.00	4.59	2.75	2.39	1.61
		STANDARD DEVIATION		3.40	0.00	2.30	1.37	1.19	0.803

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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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT		CON % 07/01/09	CON % 07/01/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09
1A	BICEP II MAG	1.65	LAA	9	99	39	0	99	98	99
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
2A»	LEXAR 3.7L	1.85	LAA	9	98	41	0	99	99	99
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
3A	BICEP II MAG	1.65	LAA	9	99	83	0	88	99	98
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
4A»	LEXAR 3.7L	1.85	LAA	9	99	89	0	90	99	99
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
5A	BICEP II MAG	1.65	LAA	9	99	71	0	68	99	99
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
6A»	LEXAR 3.7L	1.85	LAA	9	99	78	0	68	99	99
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
7A	BICEP II MAG	1.65	LAA	9	99	78	0	91	99	99
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
8A»	LEXAR 3.7L	1.85	LAA	9	99	73	0	84	99	99
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
9A	BICEP II MAG	1.65	LAA	11	92	76	0	96	99	98
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
10A»	LEXAR 3.7L	1.85	LAA	11	99	80	0	97	99	99
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
11A	BICEP II MAG	1.65	LAA	11	90	80	0	90	99	97
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
12A»	LEXAR 3.7L	1.85	LAA	11	95	79	0	90	99	99
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
13A	BICEP II MAG	1.65	LAA	11	95	76	0	86	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						
14A»	LEXAR 3.7L	1.85	LAA	11	97	84	0	90	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		XANST	PHBPU	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT TM	CON % 07/01/09	CON % 07/01/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09
15A	BICEP II MAG	1.65	LAA 11	91	76	0	91	99	98
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
16A»	LEXAR 3.7L	1.85	LAA 11	94	85	0	96	99	99
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
17A»	RNDUP POWERMAX	0.75	LAA 11	97	66	0	96	99	99
	B»LIQUID AMS	5.00	PMV 11						
	C»RNDUP POWERMAX	0.75	LAA 13						
	D»LIQUID AMS	5.00	PMV 13						
18A»	WEED FREE	0.00	NA 0	0	0	0	0	0	0
	B»LEXAR 3.7L	3.24	LAA 9						
	C»RNDUP POWERMAX	0.75	LAA 11						
	D»LIQUID AMS	5.00	PMV 11						
	E»RNDUP POWERMAX	0.75	LAA 13						
	F»LIQUID AMS	5.00	PMV 13						
		LSD (0.05)		3.92	4.00	0.00	6.54	0.667	1.29
		STANDARD DEVIATION		2.00	2.00	0.00	3.27	0.333	0.645

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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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH CON % 07/21/09	XANST CON % 07/21/09	PHBPU CON % 07/21/09	ZEAMD CON % 10/26/09	SETFA CON % 10/26/09	CHEAL CON % 10/26/09
		RATE	UNIT							
1A	BICEP II MAG	1.65	LAA	9	99	98	38	0	99	97
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
2A»	LEXAR 3.7L	1.85	LAA	9	99	99	43	0	99	99
	B»RNDUP POWERMAX	0.75	LAA	13						
	C»LIQUID AMS	5.00	PMV	13						
3A	BICEP II MAG	1.65	LAA	9	98	99	94	0	88	99
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
4A»	LEXAR 3.7L	1.85	LAA	9	99	98	95	0	85	99
	B»IGNITE 2.33SL	0.40	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»LIQUID AMS	5.00	PMV	13						
5A	BICEP II MAG	1.65	LAA	9	99	99	85	0	64	99
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
6A»	LEXAR 3.7L	1.85	LAA	9	99	97	88	0	64	99
	B»LAUDIS 3.5SC	0.082	LAA	13						
	C ATRAZINE DF	0.50	LAA	13						
	D»DESTINY HC	0.50	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
7A	BICEP II MAG	1.65	LAA	9	99	99	86	0	74	99
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
8A»	LEXAR 3.7L	1.85	LAA	9	99	99	88	0	75	99
	B STEADFAST 75WG	0.035	LAA	13						
	C»STATUS 56DG	0.105	LAA	13						
	D»COC	1.00	PMV	13						
	E»LIQUID AMS	5.00	PMV	13						
9A	BICEP II MAG	1.65	LAA	11	99	90	63	0	92	99
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
10A»	LEXAR 3.7L	1.85	LAA	11	99	96	81	0	95	99
	B»RNDUP POWERMAX	0.75	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
11A	BICEP II MAG	1.65	LAA	11	99	94	79	0	86	99
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
12A»	LEXAR 3.7L	1.85	LAA	11	99	96	84	0	85	99
	B»IGNITE 2.33SL	0.40	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
13A	BICEP II MAG	1.65	LAA	11	99	87	61	0	79	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						
14A»	LEXAR 3.7L	1.85	LAA	11	99	98	68	0	85	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C»COC	1.00	PMV	11						
	D»LIQUID AMS	5.00	PMV	11						

## TITLE: Multi-state corn systems comparison in RR/LL corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		ABUTH	XANST	PHBPU	ZEAMD	SETFA	CHEAL
		RATE	UNIT TM	CON % 07/21/09	CON % 07/21/09	CON % 07/21/09	CON % 10/26/09	CON % 10/26/09	CON % 10/26/09
15A	BICEP II MAG	1.65	LAA 11	99	92	68	0	78	99
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
16A»	LEXAR 3.7L	1.85	LAA 11	99	91	76	0	92	99
	B STEADFAST 75WG	0.035	LAA 11						
	C»COC	1.00	PMV 11						
	D»LIQUID AMS	5.00	PMV 11						
17A»	RNDUP POWERMAX	0.75	LAA 11	99	97	70	0	93	99
	B»LIQUID AMS	5.00	PMV 11						
	C»RNDUP POWERMAX	0.75	LAA 13						
	D»LIQUID AMS	5.00	PMV 13						
18A»	WEED FREE	0.00	NA 0	0	0	0	0	99	99
	B»LEXAR 3.7L	3.24	LAA 9						
	C»RNDUP POWERMAX	0.75	LAA 11						
	D»LIQUID AMS	5.00	PMV 11						
	E»RNDUP POWERMAX	0.75	LAA 13						
	F»LIQUID AMS	5.00	PMV 13						
		LSD (0.05)		0.667	8.38	7.91	0.00	10.18	1.50
		STANDARD DEVIATION		0.333	4.19	4.00	0.00	5.09	0.75

**TITLE:** Multi-state corn systems comparison in RR/LL corn. AS-400  
**CREATED:** 04/20/2009 **REVISED:** 11/23/2009 **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: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA CON % 10/26/09	ABUTH CON % 10/26/09	XANST CON % 10/26/09	PHBPU CON % 10/26/09	YIELD BU/A 11/04/09
		RATE	UNIT	TM					
1A	BICEP II MAG	1.65	LAA	9	99	99	97	33	220.8
	B»RNDUP POWERMAX	0.75	LAA	13					
	C»LIQUID AMS	5.00	PMV	13					
2A»	LEXAR 3.7L	1.85	LAA	9	99	99	99	45	215.0
	B»RNDUP POWERMAX	0.75	LAA	13					
	C»LIQUID AMS	5.00	PMV	13					
3A	BICEP II MAG	1.65	LAA	9	98	98	99	88	222.5
	B»IGNITE 2.33SL	0.40	LAA	13					
	C ATRAZINE DF	0.50	LAA	13					
	D»LIQUID AMS	5.00	PMV	13					
4A»	LEXAR 3.7L	1.85	LAA	9	99	99	97	92	210.8
	B»IGNITE 2.33SL	0.40	LAA	13					
	C ATRAZINE DF	0.50	LAA	13					
	D»LIQUID AMS	5.00	PMV	13					
5A	BICEP II MAG	1.65	LAA	9	99	99	99	76	201.7
	B»LAUDIS 3.5SC	0.082	LAA	13					
	C ATRAZINE DF	0.50	LAA	13					
	D»DESTINY HC	0.50	PMV	13					
	E»LIQUID AMS	5.00	PMV	13					
6A»	LEXAR 3.7L	1.85	LAA	9	99	99	98	83	215.3
	B»LAUDIS 3.5SC	0.082	LAA	13					
	C ATRAZINE DF	0.50	LAA	13					
	D»DESTINY HC	0.50	PMV	13					
	E»LIQUID AMS	5.00	PMV	13					
7A	BICEP II MAG	1.65	LAA	9	99	99	99	81	196.3
	B STEADFAST 75WG	0.035	LAA	13					
	C»STATUS 56DG	0.105	LAA	13					
	D»COC	1.00	PMV	13					
	E»LIQUID AMS	5.00	PMV	13					
8A»	LEXAR 3.7L	1.85	LAA	9	98	99	99	80	211.4
	B STEADFAST 75WG	0.035	LAA	13					
	C»STATUS 56DG	0.105	LAA	13					
	D»COC	1.00	PMV	13					
	E»LIQUID AMS	5.00	PMV	13					
9A	BICEP II MAG	1.65	LAA	11	97	99	87	55	219.5
	B»RNDUP POWERMAX	0.75	LAA	11					
	C»LIQUID AMS	5.00	PMV	11					
10A»	LEXAR 3.7L	1.85	LAA	11	99	99	94	75	207.1
	B»RNDUP POWERMAX	0.75	LAA	11					
	C»LIQUID AMS	5.00	PMV	11					
11A	BICEP II MAG	1.65	LAA	11	95	99	89	70	221.1
	B»IGNITE 2.33SL	0.40	LAA	11					
	C»LIQUID AMS	5.00	PMV	11					
12A»	LEXAR 3.7L	1.85	LAA	11	99	99	93	77	205.6
	B»IGNITE 2.33SL	0.40	LAA	11					
	C»LIQUID AMS	5.00	PMV	11					
13A	BICEP II MAG	1.65	LAA	11	99	99	88	53	199.6
	B»LAUDIS 3.5SC	0.082	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	5.00	PMV	11					
14A»	LEXAR 3.7L	1.85	LAA	11	99	99	96	60	211.4
	B»LAUDIS 3.5SC	0.082	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	5.00	PMV	11					

TITLE: Multi-state corn systems comparison in RR/LL corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	ABUTH	XANST	PHBPU	YIELD
		RATE	UNIT		CON % 10/26/09	CON % 10/26/09	CON % 10/26/09	CON % 10/26/09	BU/A 11/04/09
15A	BICEP II MAG	1.65	LAA	11	97	99	86	60	208.5
	B STEADFAST 75WG	0.035	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	5.00	PMV	11					
16A»	LEXAR 3.7L	1.85	LAA	11	99	99	88	68	213.3
	B STEADFAST 75WG	0.035	LAA	11					
	C»COC	1.00	PMV	11					
	D»LIQUID AMS	5.00	PMV	11					
17A»	RNDUP POWERMAX	0.75	LAA	11	99	99	94	65	209.7
	B»LIQUID AMS	5.00	PMV	11					
	C»RNDUP POWERMAX	0.75	LAA	13					
	D»LIQUID AMS	5.00	PMV	13					
18A»	WEED FREE	0.00	NA	0	99	99	99	99	223.8
	B»LEXAR 3.7L	3.24	LAA	9					
	C»RNDUP POWERMAX	0.75	LAA	11					
	D»LIQUID AMS	5.00	PMV	11					
	E»RNDUP POWERMAX	0.75	LAA	13					
	F»LIQUID AMS	5.00	PMV	13					
LSD (0.05)					2.84	0.667	9.77	10.16	19.61
STANDARD DEVIATION					1.42	0.333	4.88	5.08	9.80

» = SUPPLEMENTAL CHEMICAL

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

\* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/27/2009(1)

11 = ----- / EPOST 06/15/2009(2)

13 = ----- / LPOST 06/23/2009(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 %	06/12/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/12/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/12/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/12/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/12/2009	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	06/12/2009	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/12/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	07/01/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	07/01/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/01/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	07/01/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	07/01/2009	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	XANST	CON %	07/01/2009	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/01/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/21/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/21/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/21/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/21/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/21/2009	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	XANST	CON %	07/21/2009	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/21/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	10/26/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	10/26/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	10/26/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	10/26/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	10/26/2009	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	XANST	CON %	10/26/2009	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	PHBPU	CON %	10/26/2009	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	YIELD	BU/A	11/04/2009	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N