

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	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/12/11	06/09/11	06/13/11	AME
AIR TEMPERATURE	85	85	76	F
% REL.HUMIDITY	61	47	47	
WIND DIRECTION	SOUTHWEST	SOUTHEAST	EAST	
WIND SPEED	5.0	4.0	4.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	---	DRY/MOIST	DRY/MOIST	
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	---/17	
P1395XR		15.0/15.0	22.0/22.0	IN
05/12/2011				
*** PEST ***				
VELVETLEAF		---/12	---/16	
		2.00/4.00	2.00/8.00	IN
WATERHEMP, COMMO		---/19	---/19	
		1.00/4.00	2.00/8.00	IN
LAMBSQUARTERS, C		---/18	---/19	
		1.00/3.00	2.00/5.00	IN
MORNINGGLORY, TA		---/16	---/18	
		2.00/4.00	2.00/6.00	IN
FOXTAIL, GIANT		---/15	---/17	
		2.00/6.00	2.00/10.0	IN
COCKLEBUR, COMMO		---/15	---/18	
		2.00/8.00	2.00/12.0	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7 LEAVES UNFOLDED

* STAGE CODE

- 17 = 7 LEAVES UNFOLDED
- 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400
CREATED: 04/04/2011 **REVISED:** 11/22/2011 **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	PHBPU
		RATE	UNIT	TM	CON % 05/31/11	CON % 05/31/11	CON % 05/31/11	CON % 05/31/11	CON % 05/31/11	CON % 05/31/11
1A»	VERDICT 5.57L	0.78	LAA	9	0	93	99	99	99	95
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
2A»	A17622 3.7SC	2.78	LAA	9	0	88	99	99	99	85
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
3A»	CORVUS 2.6SC	0.114	LAA	9	0	78	99	99	99	77
B	ATRAZINE DF	1.00	LAA	9						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
4A»	SHARPEN 2.85L	0.067	LAA	9	0	83	99	99	99	88
B»	ZIDUA 85WG	0.16	LAA	9						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
5A	HARNES XTRA	2.80	LAA	9	0	97	99	99	72	62
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
6A»	SHARPEN 2.85L	0.067	LAA	9	0	93	99	99	99	89
B	GUARDSMAN MAX	2.19	LAA	9						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
7A»	SURESTART 4.16	1.04	LAA	9	0	94	96	99	60	47
B»	DURANGO 4AE	0.75	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
8A»	VERDICT 5.57L	0.696	LAA	9	0	93	99	99	99	91
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	STATUS 56DG	0.088	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
9A»	SURESTART 4.16	1.30	LAA	9	0	98	99	99	78	67
B	ATRAZINE DF	1.50	LAA	9						
C»	DURANGO 4AE	0.75	LAA	12						
D»	ACTIVATOR 90	0.25	PMV	12						
E»	LIQUID AMS	2.50	PMV	12						
10A»	A17227 3.94SC	1.97	LAA	9	0	85	99	99	99	77
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
11A	BICEP II MAG	2.06	LAA	9	0	72	98	99	63	57
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A»	SA-0070107 4L	2.10	LAA	9	0	78	98	99	68	63
B»	RNDUP POWERMAX	0.77	LAA	13						
C»	STATUS 56DG	0.088	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD CON % 05/31/11	SETFA CON % 05/31/11	AMATA CON % 05/31/11	CHEAL CON % 05/31/11	ABUTH CON % 05/31/11	PHBPU CON % 05/31/11
		RATE	UNIT							
14A»	SA-0070108 4L	2.10	LAA	9	0	83	99	99	73	62
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
15A»	SA-0070109 4L	2.10	LAA	9	0	73	98	99	67	53
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
16A»	SA-0070110 4L	2.10	LAA	9	0	84	99	99	73	65
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
17A»	SA-0070107 4L	2.10	LAA	9	0	83	99	99	99	75
	B CALLISTO 4SC	0.094	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»STATUS 56DG	0.088	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP LT II MA	2.25	LAA	9	0	88	94	99	60	57
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	5.63	2.21	0.00	4.74	7.77
		STANDARD DEVIATION			0.00	2.79	1.09	0.00	2.35	3.84

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400
CREATED: 04/04/2011 **REVISED:** 11/22/2011 **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 % 05/31/11	ZEAMD CON % 06/23/11	SETFA CON % 06/23/11	AMATA CON % 06/23/11	CHEAL CON % 06/23/11	ABUTH CON % 06/23/11
		RATE	UNIT	TM						
1A	VERDICT 5.57L	0.78	LAA	9	91	0	99	99	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
2A	A17622 3.7SC	2.78	LAA	9	82	0	99	99	99	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.114	LAA	9	73	0	96	99	99	99
B	ATRAZINE DF	1.00	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
4A	SHARPEN 2.85L	0.067	LAA	9	84	0	99	99	99	99
B	ZIDUA 85WG	0.16	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.80	LAA	9	58	0	99	99	99	96
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
6A	SHARPEN 2.85L	0.067	LAA	9	90	0	99	99	99	99
B	GUARDSMAN MAX	2.19	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
7A	SURESTART 4.16	1.04	LAA	9	40	0	99	99	99	94
B	DURANGO 4AE	0.75	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
8A	VERDICT 5.57L	0.696	LAA	9	90	0	99	99	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	STATUS 56DG	0.088	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
9A	SURESTART 4.16	1.30	LAA	9	60	0	99	99	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	DURANGO 4AE	0.75	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
10A	A17227 3.94SC	1.97	LAA	9	70	0	99	99	99	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
11A	BICEP II MAG	2.06	LAA	9	53	0	98	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						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	SA-0070107 4L	2.10	LAA	9	52	0	99	99	99	96
B	RNDUP POWERMAX	0.77	LAA	13						
C	STATUS 56DG	0.088	LAA	13						
D	LIQUID AMS	2.50	PMV	13						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	ZEAMD	SETFA	AMATA	CHEAL	ABUTH
		RATE	UNIT		CON % 05/31/11	CON % 06/23/11	CON % 06/23/11	CON % 06/23/11	CON % 06/23/11	CON % 06/23/11
14A»	SA-0070108 4L	2.10	LAA	9	50	0	99	99	99	95
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
15A»	SA-0070109 4L	2.10	LAA	9	47	0	97	99	99	94
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
16A»	SA-0070110 4L	2.10	LAA	9	57	0	98	99	99	95
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
17A»	SA-0070107 4L	2.10	LAA	9	68	0	97	99	99	96
	B CALLISTO 4SC	0.094	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»STATUS 56DG	0.088	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP LT II MA	2.25	LAA	9	50	0	99	99	98	94
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			7.46	0.00	1.26	0.00	0.449	2.41
		STANDARD DEVIATION			3.69	0.00	0.624	0.00	0.222	1.19

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400
CREATED: 04/04/2011 **REVISED:** 11/22/2011 **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 % 06/23/11	XANST CON % 06/23/11	ZEAMD CON % 07/10/11	SETFA CON % 07/10/11	AMATA CON % 07/10/11	CHEAL CON % 07/10/11
		RATE	UNIT	TM						
1A	VERDICT 5.57L	0.78	LAA	9	95	95	0	99	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
2A	A17622 3.7SC	2.78	LAA	9	94	97	0	99	99	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.114	LAA	9	91	93	0	94	99	99
B	ATRAZINE DF	1.00	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
4A	SHARPEN 2.85L	0.067	LAA	9	91	96	0	99	99	99
B	ZIDUA 85WG	0.16	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.80	LAA	9	90	95	0	99	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
6A	SHARPEN 2.85L	0.067	LAA	9	92	95	0	99	99	99
B	GUARDSMAN MAX	2.19	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
7A	SURESTART 4.16	1.04	LAA	9	79	89	0	98	99	99
B	DURANGO 4AE	0.75	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
8A	VERDICT 5.57L	0.696	LAA	9	96	97	0	99	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	STATUS 56DG	0.088	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
9A	SURESTART 4.16	1.30	LAA	9	85	89	0	99	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	DURANGO 4AE	0.75	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
10A	A17227 3.94SC	1.97	LAA	9	95	94	0	99	99	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
11A	BICEP II MAG	2.06	LAA	9	96	97	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						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	SA-0070107 4L	2.10	LAA	9	86	89	0	96	99	99
B	RNDUP POWERMAX	0.77	LAA	13						
C	STATUS 56DG	0.088	LAA	13						
D	LIQUID AMS	2.50	PMV	13						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	XANST	ZEAMD	SETFA	AMATA	CHEAL
		RATE	UNIT	TM	CON % 06/23/11	CON % 06/23/11	CON % 07/10/11	CON % 07/10/11	CON % 07/10/11	CON % 07/10/11
14A»	SA-0070108 4L	2.10	LAA	9	85	86	0	95	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
15A»	SA-0070109 4L	2.10	LAA	9	77	86	0	94	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
16A»	SA-0070110 4L	2.10	LAA	9	88	89	0	97	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
17A»	SA-0070107 4L	2.10	LAA	9	88	91	0	95	99	99
	B CALLISTO 4SC	0.094	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»STATUS 56DG	0.088	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP LT II MA	2.25	LAA	9	77	86	0	95	99	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			5.62	4.12	0.00	2.11	0.00	0.00
		STANDARD DEVIATION			2.78	2.00	0.00	1.00	0.00	0.00

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400
CREATED: 04/04/2011 **REVISED:** 11/22/2011 **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		TM	ABUTH CON % 07/10/11	PHBPU CON % 07/10/11	XANST CON % 07/10/11	ZEAMD CON % 07/27/11	SETFA CON % 07/27/11	AMATA CON % 07/27/11
		RATE	UNIT							
1A	VERDICT 5.57L	0.78	LAA	9	99	89	93	0	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
2A	A17622 3.7SC	2.78	LAA	9	99	88	93	0	99	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.114	LAA	9	99	89	91	0	92	99
B	ATRAZINE DF	1.00	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
4A	SHARPEN 2.85L	0.067	LAA	9	91	84	90	0	98	99
B	ZIDUA 85WG	0.16	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.80	LAA	9	94	86	89	0	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
6A	SHARPEN 2.85L	0.067	LAA	9	98	86	91	0	99	99
B	GUARDSMAN MAX	2.19	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
7A	SURESTART 4.16	1.04	LAA	9	92	84	89	0	98	99
B	DURANGO 4AE	0.75	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
8A	VERDICT 5.57L	0.696	LAA	9	99	94	96	0	99	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	STATUS 56DG	0.088	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
9A	SURESTART 4.16	1.30	LAA	9	96	84	91	0	99	99
B	ATRAZINE DF	1.50	LAA	9						
C	DURANGO 4AE	0.75	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
10A	A17227 3.94SC	1.97	LAA	9	99	91	95	0	99	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
11A	BICEP II MAG	2.06	LAA	9	96	90	93	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						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	SA-0070107 4L	2.10	LAA	9	93	89	90	0	94	99
B	RNDUP POWERMAX	0.77	LAA	13						
C	STATUS 56DG	0.088	LAA	13						
D	LIQUID AMS	2.50	PMV	13						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	PHBPU	XANST	ZEAMD	SETFA	AMATA
		RATE	UNIT	TM	CON % 07/10/11	CON % 07/10/11	CON % 07/10/11	CON % 07/27/11	CON % 07/27/11	CON % 07/27/11
14A»	SA-0070108 4L	2.10	LAA	9	94	88	92	0	93	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
15A»	SA-0070109 4L	2.10	LAA	9	93	83	89	0	93	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
16A»	SA-0070110 4L	2.10	LAA	9	93	86	91	0	96	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
17A»	SA-0070107 4L	2.10	LAA	9	99	91	93	0	93	99
	B CALLISTO 4SC	0.094	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»STATUS 56DG	0.088	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP LT II MA	2.25	LAA	9	91	84	87	0	94	99
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			2.62	7.00	3.77	0.00	3.00	0.00
		STANDARD DEVIATION			1.29	3.45	1.86	0.00	1.47	0.00

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400
CREATED: 04/04/2011 **REVISED:** 11/22/2011 **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		TM	CHEAL	ABUTH	PHBPU	XANST	ZEAMD	SETFA
		RATE	UNIT		CON % 07/27/11	CON % 07/27/11	CON % 07/27/11	CON % 07/27/11	CON % 08/08/11	CON % 08/08/11
1A	VERDICT 5.57L	0.78	LAA	9	99	99	89	89	0	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
2A	A17622 3.7SC	2.78	LAA	9	99	99	85	91	0	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
3A	CORVUS 2.6SC	0.114	LAA	9	99	99	85	88	0	90
B	ATRAZINE DF	1.00	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
4A	SHARPEN 2.85L	0.067	LAA	9	99	89	82	87	0	98
B	ZIDUA 85WG	0.16	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.80	LAA	9	99	91	84	87	0	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
6A	SHARPEN 2.85L	0.067	LAA	9	99	97	83	88	0	99
B	GUARDSMAN MAX	2.19	LAA	9						
C	RNDUP POWERMAX	0.77	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
7A	SURESTART 4.16	1.04	LAA	9	99	90	80	86	0	98
B	DURANGO 4AE	0.75	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
8A	VERDICT 5.57L	0.696	LAA	9	99	99	91	95	0	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	STATUS 56DG	0.088	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
9A	SURESTART 4.16	1.30	LAA	9	99	95	82	90	0	99
B	ATRAZINE DF	1.50	LAA	9						
C	DURANGO 4AE	0.75	LAA	12						
D	ACTIVATOR 90	0.25	PMV	12						
E	LIQUID AMS	2.50	PMV	12						
10A	A17227 3.94SC	1.97	LAA	9	99	99	89	94	0	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
11A	BICEP II MAG	2.06	LAA	9	99	95	90	92	0	96
B	HALEX GT 4.38L	1.97	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
12A	CHECK	0.00	NA	0	0	0	0	0	0	0
13A	SA-0070107 4L	2.10	LAA	9	99	90	85	89	0	93
B	RNDUP POWERMAX	0.77	LAA	13						
C	STATUS 56DG	0.088	LAA	13						
D	LIQUID AMS	2.50	PMV	13						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ABUTH	PHBPU	XANST	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 07/27/11	CON % 07/27/11	CON % 07/27/11	CON % 07/27/11	CON % 08/08/11	CON % 08/08/11
14A»	SA-0070108 4L	2.10	LAA	9	99	93	87	91	0	93
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
15A»	SA-0070109 4L	2.10	LAA	9	99	91	82	88	0	93
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
16A»	SA-0070110 4L	2.10	LAA	9	99	92	84	89	0	95
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
17A»	SA-0070107 4L	2.10	LAA	9	99	99	89	91	0	93
	B CALLISTO 4SC	0.094	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»STATUS 56DG	0.088	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP LT II MA	2.25	LAA	9	99	87	81	83	0	93
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
		LSD (0.05)			0.00	3.34	7.34	5.30	0.00	3.24
		STANDARD DEVIATION			0.00	1.65	3.63	2.62	0.00	1.60

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400
CREATED: 04/04/2011 **REVISED:** 11/22/2011 **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		TM	AMATA	CHEAL	ABUTH	PHBPU	XANST	YIELD
		RATE	UNIT		CON % 08/08/11	CON % 08/08/11	CON % 08/08/11	CON % 08/08/11	CON % 08/08/11	BU/A 10/10/11
1A	»VERDICT 5.57L	0.78	LAA	9	99	99	99	88	90	207.9
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
2A	»A17622 3.7SC	2.78	LAA	9	99	99	99	85	89	230.6
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
3A	»CORVUS 2.6SC	0.114	LAA	9	99	99	99	84	88	217.9
	B ATRAZINE DF	1.00	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
4A	»SHARPEN 2.85L	0.067	LAA	9	99	99	89	79	85	219.3
	B»ZIDUA 85WG	0.16	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
5A	HARNESS XTRA	2.80	LAA	9	99	99	90	84	87	220.5
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	»SHARPEN 2.85L	0.067	LAA	9	99	99	97	84	87	213.6
	B GUARDSMAN MAX	2.19	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
7A	»SURESTART 4.16	1.04	LAA	9	99	99	89	76	83	221.8
	B»DURANGO 4AE	0.75	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
8A	»VERDICT 5.57L	0.696	LAA	9	99	99	99	90	94	231.2
	B»RNDUP POWERMAX	0.77	LAA	12						
	C»STATUS 56DG	0.088	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
9A	»SURESTART 4.16	1.30	LAA	9	99	99	94	82	88	225.5
	B ATRAZINE DF	1.50	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»ACTIVATOR 90	0.25	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
10A	»A17227 3.94SC	1.97	LAA	9	99	99	99	88	93	224.1
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
11A	BICEP II MAG	2.06	LAA	9	99	99	94	88	92	231.1
	B»HALEX GT 4.38L	1.97	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
12A	CHECK	0.00	NA	0	0	0	0	0	0	80.6
13A	»SA-0070107 4L	2.10	LAA	9	99	99	89	84	87	216.1
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 08/08/11	CHEAL CON % 08/08/11	ABUTH CON % 08/08/11	PHBPU CON % 08/08/11	XANST CON % 08/08/11	YIELD BU/A 10/10/11
14A»	SA-0070108 4L	2.10	LAA	9	99	99	91	85	89	215.3
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
15A»	SA-0070109 4L	2.10	LAA	9	99	99	89	79	88	215.6
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
16A»	SA-0070110 4L	2.10	LAA	9	99	99	90	82	88	221.2
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
17A»	SA-0070107 4L	2.10	LAA	9	99	99	99	88	89	214.0
	B CALLISTO 4SC	0.094	LAA	9						
	C»RNDUP POWERMAX	0.77	LAA	13						
	D»STATUS 56DG	0.088	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
18A	BICEP LT II MA	2.25	LAA	9	99	99	84	78	81	198.2
	B»RNDUP POWERMAX	0.77	LAA	13						
	C»STATUS 56DG	0.088	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
	LSD (0.05)				0.00	0.00	4.48	8.59	6.00	31.35
	STANDARD DEVIATION				0.00	0.00	2.22	4.25	3.00	15.51

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/12/2011(1)
- 12 = ----- / POST 06/09/2011(2)
- 13 = ----- / LPOST 06/13/2011(3)

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 %	05/31/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/31/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	05/31/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/31/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/31/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/31/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/31/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/23/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/23/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/23/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/23/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/23/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/23/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/23/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/10/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/10/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	07/10/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	07/10/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/10/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/10/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	07/10/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	07/27/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	07/27/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	AMATA	CON %	07/27/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	CHEAL	CON %	07/27/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	07/27/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	07/27/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	XANST	CON %	07/27/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	ZEAMD	CON %	08/08/2011	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	SETFA	CON %	08/08/2011	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	AMATA	CON %	08/08/2011	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	CHEAL	CON %	08/08/2011	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Sequential Herbicide Systems for Weed Control in RR/LL Corn. AS-400

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
033	ABUTH	CON %	08/08/2011	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	PHBPU	CON %	08/08/2011	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	XANST	CON %	08/08/2011	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	YIELD	BU/A	10/10/2011	01	P	ZEAMD		RAW	---	YLD	---	---	1.00 ---	NO	0001	0	Y

* SEE INDIVIDUAL EVALUATION COMMENTS UNDER SPECIFIC TRIAL NOTES

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

01 = P1395XR