

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	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/30/07	05/21/07	05/29/07	AME
AIR TEMPERATURE	84	83	81	F
% REL.HUMIDITY	30	30	50	
WIND DIRECTION	WEST	SOUTH	SOUTHWEST	
WIND SPEED	10.0	6.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	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	
SCREEN SIZE	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		---/13	---/16	
DK 6018RR		6.00/8.00	16.0/18.0	IN
04/30/2007				
*** PEST ***				
VELVETLEAF		---/13	---/18	
		1.00/3.00	4.00/10.0	IN
WATERHEMP, COMMO		---/19	---/19	
		1.00/2.00	4.00/10.0	IN
LAMBSQUARTERS, C		---/19	---/19	
		1.00/2.00	4.00/10.0	IN
MORNINGGLORY, TA		---/12	---/17	
		1.00/2.00	4.00/8.00	IN
FOXTAIL, GIANT		---/13	---/16	
		3.00/5.00	4.00/12.0	IN
COCKLEBUR, COMMO		---/12	---/17	
		2.00/2.00	4.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED

* STAGE CODE

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

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400
CREATED: 04/14/2007 **REVISED:** 11/05/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	XANST	PHBPU
		RATE	UNIT	TM	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07
1A	BICEP II MAG	1.44	LAA	9	0	60	43	40	23	13
2A	RADIUS 4SC	0.72	LAA	9	0	60	57	50	30	17
	B ATRAZINE DF	1.00	LAA	9						
3A	BICEP II MAG	1.44	LAA	9	0	57	43	40	13	17
	B>IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	BICEP II MAG	1.44	LAA	9	0	57	53	40	30	20
	B CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
5A	BICEP II MAG	1.44	LAA	9	0	53	50	43	33	23
	B>LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	GUARDSMAN MAX	1.25	LAA	9	0	57	45	38	7	13
	B>IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	DUAL II MAGNUM	0.72	LAA	9	0	50	10	10	0	0
	B>IMPACT 2.8SC	0.011	LAA	12						
	C>WEATHERMAX 4.5	0.77	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
8A	DUAL II MAGNUM	0.72	LAA	9	0	47	7	10	0	0
	B>IMPACT 2.8SC	0.011	LAA	12						
	C>WEATHERMAX 4.5	0.77	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E>LIQUID AMS	2.50	PMV	12						
9A	DUAL II MAGNUM	0.72	LAA	9	0	50	10	7	17	0
	B>WEATHERMAX 4.5	0.77	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
10A	BALANCE PRO 4	0.047	LAA	9	0	60	33	40	17	3
	B>OPTION 35WDG	0.033	LAA	12						
	C>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
11A	BALANCE PRO 4	0.07	LAA	9	0	50	37	43	3	0
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	BALANCE PRO 4	0.07	LAA	9	0	53	33	37	7	0
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D>COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	BALANCE PRO 4	0.047	LAA	9	0	43	37	33	13	7
	B ATRAZINE DF	1.00	LAA	9						
	C>LAUDIS 3.5SC	0.082	LAA	12						
	D>MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	XANST	PHBPU
		RATE	UNIT	TM	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07	CON % 05/16/07
14A	BALANCE PRO 4	0.07	LAA	9	0	53	40	43	10	3
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
15A	BALANCE PRO 4	0.047	LAA	9	0	37	20	23	3	0
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
16A	BICEP II MAG	2.89	LAA	9	0	57	57	53	28	23
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A»	RESOLVE 25DF	0.016	LAA	9	0	47	13	13	27	10
	B BALANCE PRO 4	0.031	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
18A»	LAUDIS 3.5SC	0.082	LAA	11	0	C	C	C	C	C
	B ACCENT 75WG	0.015	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A»	LAUDIS 3.5SC	0.082	LAA	11	0	C	C	C	C	C
	B ATRAZINE DF	1.00	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A»	LAUDIS 3.5SC	0.082	LAA	11	0	C	C	C	C	C
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
21A	ATRAZINE DF	1.50	LAA	9	0	33	33	30	10	10
	B»HALEX GT 4.38L	2.19	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	CHECK	0.00	NA	9	0	0	0	0	0	0
23A	BALANCE PRO 4	0.047	LAA	9	0	43	30	30	10	7
	B ATRAZINE DF	0.50	LAA	9						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
24A»	SURESTART 4.16	0.93	LAA	9	0	63	27	37	13	3
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
25A	KEYSTONE 5.25	1.97	LAA	9	0	62	43	40	30	13
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
26A	HORNET 68.5WG	0.086	LAA	9	0	37	40	30	23	7
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
27A	PYTHON WDG	0.031	LAA	9	0	33	37	33	23	13
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
28A»	LEXAR 3.7L	2.08	LAA	9	0	47	43	40	13	10
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

LSD (0.05)	0.00	8.16	8.07	8.59	11.84	6.75
STANDARD DEVIATION	0.00	4.08	4.00	4.29	5.92	3.38

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CREATED: 04/14/2007 **REVISED:** 11/05/2007 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG
PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 05/16/07	ZEAMD 10 DAT 06/01/07	SETFA 10 DAT 06/01/07	CHEAL 10 DAT 06/01/07	AMATA 10 DAT 06/01/07	XANST 10 DAT 06/01/07
		RATE	UNIT	TM						
1A	BICEP II MAG	1.44	LAA	9	30	0	30	37	33	17
2A	RADIUS 4SC	0.72	LAA	9	43	0	40	40	40	17
	B ATRAZINE DF	1.00	LAA	9						
3A	BICEP II MAG	1.44	LAA	9	30	0	88	99	99	93
	B>IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	BICEP II MAG	1.44	LAA	9	30	0	40	99	99	96
	B CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
5A	BICEP II MAG	1.44	LAA	9	23	0	90	99	99	95
	B>LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	GUARDSMAN MAX	1.25	LAA	9	33	0	92	99	99	96
	B>IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D>MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	DUAL II MAGNUM	0.72	LAA	9	0	0	99	99	99	99
	B>IMPACT 2.8SC	0.011	LAA	12						
	C>WEATHERMAX 4.5	0.77	LAA	12						
	D>LIQUID AMS	2.50	PMV	12						
8A	DUAL II MAGNUM	0.72	LAA	9	0	0	99	98	99	99
	B>IMPACT 2.8SC	0.011	LAA	12						
	C>WEATHERMAX 4.5	0.77	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E>LIQUID AMS	2.50	PMV	12						
9A	DUAL II MAGNUM	0.72	LAA	9	0	0	99	98	99	99
	B>WEATHERMAX 4.5	0.77	LAA	12						
	C>LIQUID AMS	2.50	PMV	12						
10A	BALANCE PRO 4	0.047	LAA	9	33	0	47	20	23	30
	B>OPTION 35WDG	0.033	LAA	12						
	C>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
11A	BALANCE PRO 4	0.07	LAA	9	37	0	60	72	90	77
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C>MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	BALANCE PRO 4	0.07	LAA	9	38	0	75	88	99	82
	B>LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D>COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	BALANCE PRO 4	0.047	LAA	9	27	0	60	70	90	75
	B ATRAZINE DF	1.00	LAA	9						
	C>LAUDIS 3.5SC	0.082	LAA	12						
	D>MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 05/16/07	ZEAMD 10 DAT 06/01/07	SETFA 10 DAT 06/01/07	CHEAL 10 DAT 06/01/07	AMATA 10 DAT 06/01/07	XANST 10 DAT 06/01/07
		RATE	UNIT	TM						
14A	BALANCE PRO 4	0.07	LAA	9	37	0	60	72	90	80
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
15A	BALANCE PRO 4	0.047	LAA	9	33	0	73	90	95	82
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
16A	BICEP II MAG	2.89	LAA	9	27	0	30	98	99	88
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A»	RESOLVE 25DF	0.016	LAA	9	33	0	70	90	99	87
	B BALANCE PRO 4	0.031	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
18A»	LAUDIS 3.5SC	0.082	LAA	11	C	0	72	83	88	80
	B ACCENT 75WG	0.015	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A»	LAUDIS 3.5SC	0.082	LAA	11	C	0	80	99	99	96
	B ATRAZINE DF	1.00	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A»	LAUDIS 3.5SC	0.082	LAA	11	C	0	78	92	99	82
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
21A	ATRAZINE DF	1.50	LAA	9	13	0	99	98	99	95
	B»HALEX GT 4.38L	2.19	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	CHECK	0.00	NA	9	0	0	0	0	0	0
23A	BALANCE PRO 4	0.047	LAA	9	40	0	99	99	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
24A»	SURESTART 4.16	0.93	LAA	9	17	0	99	95	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
25A	KEYSTONE 5.25	1.97	LAA	9	20	0	99	96	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
26A	HORNET 68.5WG	0.086	LAA	9	23	0	99	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
27A	PYTHON WDG	0.031	LAA	9	30	0	99	98	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
28A»	LEXAR 3.7L	2.08	LAA	9	53	0	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

LSD (0.05)	8.78	0.00	2.57	4.39	4.11	5.33
STANDARD DEVIATION	4.39	0.00	1.29	2.19	2.06	2.66

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400
CREATED: 04/14/2007 **REVISED:** 11/05/2007 **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	ABUTH	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	10 DAT 06/01/07	10 DAT 06/01/07	30 DAT 06/07/07	30 DAT 06/07/07	30 DAT 06/07/07	30 DAT 06/07/07
1A	BICEP II MAG	1.44	LAA	9	13	13	0	23	0	0
2A	RADIUS 4SC	0.72	LAA	9	13	37	0	23	0	0
	B ATRAZINE DF	1.00	LAA	9						
3A	BICEP II MAG	1.44	LAA	9	93	99	0	80	99	99
	B»IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
4A	BICEP II MAG	1.44	LAA	9	95	99	0	10	99	99
	B CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»COC	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
5A	BICEP II MAG	1.44	LAA	9	95	99	0	83	99	99
	B»LAUDIS 3.5SC	0.082	LAA	11						
	C ATRAZINE DF	0.50	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
6A	GUARDSMAN MAX	1.25	LAA	9	95	99	0	82	99	98
	B»IMPACT 2.8SC	0.016	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»MSO	1.00	PMV	11						
	E 28% UAN	2.50	PMV	11						
7A	DUAL II MAGNUM	0.72	LAA	9	77	99	0	90	98	99
	B»IMPACT 2.8SC	0.011	LAA	12						
	C»WEATHERMAX 4.5	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
8A	DUAL II MAGNUM	0.72	LAA	9	80	99	0	94	96	99
	B»IMPACT 2.8SC	0.011	LAA	12						
	C»WEATHERMAX 4.5	0.77	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
9A	DUAL II MAGNUM	0.72	LAA	9	62	98	0	93	96	99
	B»WEATHERMAX 4.5	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A	BALANCE PRO 4	0.047	LAA	9	30	33	0	62	0	0
	B»OPTION 35WDG	0.033	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
11A	BALANCE PRO 4	0.07	LAA	9	57	90	0	50	99	99
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
12A	BALANCE PRO 4	0.07	LAA	9	77	98	0	52	99	99
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	BALANCE PRO 4	0.047	LAA	9	50	90	0	50	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	ABUTH	ZEAMD	SETFA	CHEAL	AMATA
		RATE	UNIT	TM	10 DAT 06/01/07	10 DAT 06/01/07	30 DAT 06/07/07	30 DAT 06/07/07	30 DAT 06/07/07	30 DAT 06/07/07
14A	BALANCE PRO 4	0.07	LAA	9	50	93	0	50	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
15A	BALANCE PRO 4	0.047	LAA	9	77	99	0	52	99	99
	B»LAUDIS 3.5SC	0.082	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
16A	BICEP II MAG	2.89	LAA	9	78	99	0	0	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
17A»	RESOLVE 25DF	0.016	LAA	9	83	99	0	50	99	99
	B BALANCE PRO 4	0.031	LAA	9						
	C»LAUDIS 3.5SC	0.082	LAA	12						
	D ATRAZINE DF	0.50	LAA	12						
	E»COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
18A»	LAUDIS 3.5SC	0.082	LAA	11	73	99	0	72	92	93
	B ACCENT 75WG	0.015	LAA	11						
	C»MSO	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
19A»	LAUDIS 3.5SC	0.082	LAA	11	93	99	0	63	96	98
	B ATRAZINE DF	1.00	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
20A»	LAUDIS 3.5SC	0.082	LAA	11	78	99	0	63	92	96
	B»MSO	1.00	PMV	11						
	C 28% UAN	2.50	PMV	11						
21A	ATRAZINE DF	1.50	LAA	9	78	99	0	83	98	99
	B»HALEX GT 4.38L	2.19	LAA	11						
	C»ACTIVATOR 90	0.25	PMV	11						
	D»LIQUID AMS	2.50	PMV	11						
22A	CHECK	0.00	NA	9	0	0	0	0	0	0
23A	BALANCE PRO 4	0.047	LAA	9	63	99	0	82	99	99
	B ATRAZINE DF	0.50	LAA	9						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
24A»	SURESTART 4.16	0.93	LAA	9	58	99	0	92	99	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
25A	KEYSTONE 5.25	1.97	LAA	9	62	99	0	92	98	99
	B»DURANGO 4AE	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
26A	HORNET 68.5WG	0.086	LAA	9	63	99	0	82	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
27A	PYTHON WDG	0.031	LAA	9	60	99	0	80	96	99
	B ATRAZINE DF	1.00	LAA	9						
	C»DURANGO 4AE	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
28A»	LEXAR 3.7L	2.08	LAA	9	65	99	0	92	99	99
	B»TOUCHDN TOTAL	0.78	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

LSD (0.05)	5.34	3.39	0.00	5.08	3.39	1.46
STANDARD DEVIATION	2.67	1.70	0.00	2.54	1.69	0.729

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400
CREATED: 04/14/2007 **REVISED:** 11/05/2007 **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	ABUTH	YIELD
		RATE	UNIT	TM	30 DAT 06/07/07	30 DAT 06/07/07	30 DAT 06/07/07	BU/A 09/28/07
1A	BICEP II MAG	1.44	LAA	9	0	0	0	78.9
2A	RADIUS 4SC	0.72	LAA	9	0	0	0	135.5
	B ATRAZINE DF	1.00	LAA	9				
3A	BICEP II MAG	1.44	LAA	9	78	82	99	244.3
	B>>IMPACT 2.8SC	0.016	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D>>MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
4A	BICEP II MAG	1.44	LAA	9	99	99	99	196.1
	B CALLISTO 4SC	0.094	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D>>COC	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
5A	BICEP II MAG	1.44	LAA	9	87	82	99	238.6
	B>>LAUDIS 3.5SC	0.082	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D>>MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
6A	GUARDSMAN MAX	1.25	LAA	9	80	78	98	248.0
	B>>IMPACT 2.8SC	0.016	LAA	11				
	C ATRAZINE DF	1.00	LAA	11				
	D>>MSO	1.00	PMV	11				
	E 28% UAN	2.50	PMV	11				
7A	DUAL II MAGNUM	0.72	LAA	9	98	80	98	223.8
	B>>IMPACT 2.8SC	0.011	LAA	12				
	C>>WEATHERMAX 4.5	0.77	LAA	12				
	D>>LIQUID AMS	2.50	PMV	12				
8A	DUAL II MAGNUM	0.72	LAA	9	98	80	99	231.1
	B>>IMPACT 2.8SC	0.011	LAA	12				
	C>>WEATHERMAX 4.5	0.77	LAA	12				
	D ATRAZINE DF	0.75	LAA	12				
	E>>LIQUID AMS	2.50	PMV	12				
9A	DUAL II MAGNUM	0.72	LAA	9	98	72	99	234.4
	B>>WEATHERMAX 4.5	0.77	LAA	12				
	C>>LIQUID AMS	2.50	PMV	12				
10A	BALANCE PRO 4	0.047	LAA	9	0	0	0	102.0
	B>>OPTION 35WDG	0.033	LAA	12				
	C>>MSO	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
11A	BALANCE PRO 4	0.07	LAA	9	99	67	99	206.7
	B>>LAUDIS 3.5SC	0.082	LAA	12				
	C>>MSO	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
12A	BALANCE PRO 4	0.07	LAA	9	99	73	99	219.6
	B>>LAUDIS 3.5SC	0.082	LAA	12				
	C ATRAZINE DF	1.00	LAA	12				
	D>>COC	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
13A	BALANCE PRO 4	0.047	LAA	9	99	77	99	217.4
	B ATRAZINE DF	1.00	LAA	9				
	C>>LAUDIS 3.5SC	0.082	LAA	12				
	D>>MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	XANST	PHBPU	ABUTH	YIELD
		RATE	UNIT		30 DAT 06/07/07	30 DAT 06/07/07	30 DAT 06/07/07	BU/A 09/28/07
14A	BALANCE PRO 4	0.07	LAA	9	99	78	99	217.1
	B ATRAZINE DF	1.00	LAA	9				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
15A	BALANCE PRO 4	0.047	LAA	9	99	72	99	218.3
	B»LAUDIS 3.5SC	0.082	LAA	12				
	C ATRAZINE DF	1.00	LAA	12				
	D»MSO	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
16A	BICEP II MAG	2.89	LAA	9	99	77	99	207.6
	B CALLISTO 4SC	0.094	LAA	12				
	C ATRAZINE DF	0.50	LAA	12				
	D»COC	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
17A»	RESOLVE 25DF	0.016	LAA	9	99	73	99	212.4
	B BALANCE PRO 4	0.031	LAA	9				
	C»LAUDIS 3.5SC	0.082	LAA	12				
	D ATRAZINE DF	0.50	LAA	12				
	E»COC	1.00	PMV	12				
	F 28% UAN	2.50	PMV	12				
18A»	LAUDIS 3.5SC	0.082	LAA	11	83	80	99	233.6
	B ACCENT 75WG	0.015	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
19A»	LAUDIS 3.5SC	0.082	LAA	11	92	82	99	231.4
	B ATRAZINE DF	1.00	LAA	11				
	C»COC	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
20A»	LAUDIS 3.5SC	0.082	LAA	11	82	78	99	233.9
	B»MSO	1.00	PMV	11				
	C 28% UAN	2.50	PMV	11				
21A	ATRAZINE DF	1.50	LAA	9	90	85	99	244.6
	B»HALEX GT 4.38L	2.19	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
22A	CHECK	0.00	NA	9	0	0	0	69.4
23A	BALANCE PRO 4	0.047	LAA	9	99	70	99	229.4
	B ATRAZINE DF	0.50	LAA	9				
	C»RDUP ORIG MAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
24A»	SURESTART 4.16	0.93	LAA	9	99	73	99	232.8
	B»DURANGO 4AE	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
25A	KEYSTONE 5.25	1.97	LAA	9	99	75	99	244.7
	B»DURANGO 4AE	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
26A	HORNET 68.5WG	0.086	LAA	9	99	73	99	235.6
	B ATRAZINE DF	1.00	LAA	9				
	C»DURANGO 4AE	0.75	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
27A	PYTHON WDG	0.031	LAA	9	99	72	99	240.6
	B ATRAZINE DF	1.00	LAA	9				
	C»DURANGO 4AE	0.75	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
28A»	LEXAR 3.7L	2.08	LAA	9	99	73	99	235.2
	B»TOUCHDN TOTAL	0.78	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				

TITLE: Sequential Programs for Weed Control in Glyphosate-Resistant Corn. AS-400

LSD (0.05) 3.56 5.46 1.00 22.45
STANDARD DEVIATION 1.78 2.73 0.509 11.22

> = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

09 = ----- / PREEMERGENCE 04/30/2007(1)

11 = ----- / EPOST 05/21/2007(2)

12 = ----- / POST 05/29/2007(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 %	05/16/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/16/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/16/2007	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/16/2007	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	05/16/2007	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/16/2007	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	05/16/2007	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	10 DAT	06/01/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	10 DAT	06/01/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/01/2007	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	10 DAT	06/01/2007	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	10 DAT	06/01/2007	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	10 DAT	06/01/2007	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	10 DAT	06/01/2007	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	30 DAT	06/07/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	30 DAT	06/07/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	30 DAT	06/07/2007	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	30 DAT	06/07/2007	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	XANST	30 DAT	06/07/2007	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	30 DAT	06/07/2007	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	ABUTH	30 DAT	06/07/2007	07	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	09/28/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DK 6018RR