

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 33 FEET
 PLOT AREA: 330 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/03/07	05/29/07	06/06/07	AME
AIR TEMPERATURE	68	85	68	F
% REL.HUMIDITY	33	42	55	
WIND DIRECTION	NORTHEAST	SOUTH	SOUTHEAST	
WIND SPEED	17.0	9.0	9.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	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	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SCREEN SIZE	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	---/16	
PIONEER 34A20		5.00/7.00	15.0/17.0	IN
05/03/2007				
*** PEST ***				
VELVETLEAF		---/12	---/13	
		1.00/2.00	0.50/3.00	IN
RAGWEED, GIANT		---/14	---/18	
		2.00/4.00	3.00/10.0	IN
LAMBSQUARTERS, C		---/16	---/17	
		1.00/2.00	1.00/3.00	IN
SMARTWEED, PENNS		---/13	---/16	
		2.00/3.00	2.00/4.00	IN
FOXTAIL, GIANT		---/14	---/15	
		1.00/5.00	3.00/7.00	IN

* TIMING CODES

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

* 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
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

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

TITLE: Sequential Programs for Weed Control in Glyphosate and Glufosinate-Resistant Corn.
SW1600

CREATED: 04/25/2007 **REVISED:** 11/05/2007

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DeKalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	POLPY
		RATE	UNIT		CON % 05/29/07	CON % 05/29/07	CON % 05/29/07	CON % 05/29/07	CON % 05/29/07	CON % 05/29/07
1A	BICEP II MAG	1.44	LAA	9	0	27	23	20	27	27
2A»	RADIUS 4SC	0.72	LAA	9	0	80	53	77	73	70
B	ATRAZINE DF	1.00	LAA	9						
3A	BICEP II MAG	1.44	LAA	9	0	30	50	37	37	40
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						
4A	GUARDSMAN MAX	1.25	LAA	9	0	32	23	40	40	40
B»	IMPACT 2.8SC	0.011	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
5A»	LAUDIS 3.5SC	0.082	LAA	11	C	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						
6A»	LAUDIS 3.5SC	0.082	LAA	11	C	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						
7A»	LAUDIS 3.5SC	0.082	LAA	11	C	C	C	C	C	C
B»	MSO	1.00	PMV	11						
C	28% UAN	2.50	PMV	11						
8A	STEADFAST 75WG	0.035	LAA	11	C	C	C	C	C	C
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
9A»	IMPACT 2.8SC	0.011	LAA	11	C	C	C	C	C	C
B	STEADFAST 75WG	0.035	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	CALLISTO 4SC	0.063	LAA	11	C	C	C	C	C	C
B	STEADFAST 75WG	0.035	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A»	LAUDIS 3.5SC	0.055	LAA	11	C	C	C	C	C	C
B	OPTION 35WG	0.033	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
12A	BALANCE PRO 4	0.047	LAA	9	0	52	63	70	72	60
B»	OPTION 35WDG	0.033	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
13A	BALANCE PRO 4	0.07	LAA	9	0	72	57	75	65	73
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	POLPY
		RATE	UNIT		CON % 05/29/07	CON % 05/29/07	CON % 05/29/07	CON % 05/29/07	CON % 05/29/07	CON % 05/29/07
14A	BALANCE PRO 4	0.07	LAA	9	0	78	80	83	88	83
	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						
15A	BALANCE PRO 4	0.047	LAA	9	0	57	57	73	53	67
	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						
16A	BALANCE PRO 4	0.07	LAA	9	0	78	80	77	76	71
	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						
17A	BICEP II MAG	2.89	LAA	9	0	62	50	53	82	75
	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						
18A»	RESOLVE 25DF	0.016	LAA	9	0	47	43	60	62	60
	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						
19A	BALANCE PRO 4	0.047	LAA	9	0	60	40	73	68	67
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CHECK	0.00	NA	0	0	0	0	0	0	0
21A»	LAUDIS 3.5SC	0.055	LAA	12	C	C	C	C	C	C
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
22A	LIBERTY 1.67SL	0.42	LAA	12	C	C	C	C	C	C
	B ATRAZINE DF	1.00	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	BALANCE PRO 4	0.047	LAA	9	0	63	47	72	58	70
	B ATRAZINE DF	0.50	LAA	9						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
24A	BALANCE PRO 4	0.047	LAA	9	0	73	70	77	78	77
	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						
		LSD (0.05)			0.00	17.47	15.17	12.31	18.92	18.30
		STANDARD DEVIATION			0.00	8.73	7.58	6.16	9.46	9.15

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LOCATION: DeKalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	POLPY
		RATE	UNIT		10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07
1A	BICEP II MAG	1.44	LAA	9	0	C	C	C	C	C
2A»	RADIUS 4SC	0.72	LAA	9	0	C	C	C	C	C
B	ATRAZINE DF	1.00	LAA	9						
3A	BICEP II MAG	1.44	LAA	9	0	93	96	98	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						
4A	GUARDSMAN MAX	1.25	LAA	9	0	98	92	97	99	99
B»	IMPACT 2.8SC	0.011	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
5A»	LAUDIS 3.5SC	0.082	LAA	11	0	94	86	95	98	99
B	ACCENT 75WG	0.015	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
6A»	LAUDIS 3.5SC	0.082	LAA	11	0	95	98	97	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
7A»	LAUDIS 3.5SC	0.082	LAA	11	0	86	96	92	98	99
B»	MSO	1.00	PMV	11						
C	28% UAN	2.50	PMV	11						
8A	STEADFAST 75WG	0.035	LAA	11	0	93	83	72	99	99
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
9A»	IMPACT 2.8SC	0.011	LAA	11	0	96	91	85	99	99
B	STEADFAST 75WG	0.035	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	CALLISTO 4SC	0.063	LAA	11	0	94	99	99	99	99
B	STEADFAST 75WG	0.035	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A»	LAUDIS 3.5SC	0.055	LAA	11	0	96	94	98	99	99
B	OPTION 35WG	0.033	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
12A	BALANCE PRO 4	0.047	LAA	9	0	97	88	90	89	91
B»	OPTION 35WDG	0.033	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
13A	BALANCE PRO 4	0.07	LAA	9	0	98	98	98	99	98
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						

TITLE: Sequential Programs for Weed Control in Glyphosate and Glufosinate-Resistant Corn.
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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	POLPY
		RATE	UNIT		10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07	10 DAT 06/07/07
14A	BALANCE PRO 4	0.07	LAA	9	0	99	99	99	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						
15A	BALANCE PRO 4	0.047	LAA	9	0	98	99	99	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						
16A	BALANCE PRO 4	0.07	LAA	9	0	98	99	99	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						
17A	BICEP II MAG	2.89	LAA	9	1	80	99	99	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						
18A»	RESOLVE 25DF	0.016	LAA	9	0	86	98	99	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						
19A	BALANCE PRO 4	0.047	LAA	9	0	99	99	97	99	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CHECK	0.00	NA	0	0	0	0	0	0	0
21A»	LAUDIS 3.5SC	0.055	LAA	12	1	97	99	88	99	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
22A	LIBERTY 1.67SL	0.42	LAA	12	0	97	97	93	99	99
	B ATRAZINE DF	1.00	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	BALANCE PRO 4	0.047	LAA	9	0	99	90	97	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	BALANCE PRO 4	0.047	LAA	9	0	99	99	99	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						
		LSD (0.05)			0.825	4.00	9.86	6.59	5.58	3.44
		STANDARD DEVIATION			0.413	2.00	4.93	3.30	2.79	1.72

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	POLPY
		RATE	UNIT		30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07
1A	BICEP II MAG	1.44	LAA	9	0	23	0	10	25	7
2A»	RADIUS 4SC	0.72	LAA	9	0	90	55	98	86	76
B	ATRAZINE DF	1.00	LAA	9						
3A	BICEP II MAG	1.44	LAA	9	0	73	99	99	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						
4A	GUARDSMAN MAX	1.25	LAA	9	0	97	95	96	99	99
B»	IMPACT 2.8SC	0.011	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
5A»	LAUDIS 3.5SC	0.082	LAA	11	0	77	84	97	97	99
B	ACCENT 75WG	0.015	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
6A»	LAUDIS 3.5SC	0.082	LAA	11	0	78	99	97	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	COC	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
7A»	LAUDIS 3.5SC	0.082	LAA	11	0	70	96	95	95	99
B»	MSO	1.00	PMV	11						
C	28% UAN	2.50	PMV	11						
8A	STEADFAST 75WG	0.035	LAA	11	0	84	67	65	98	99
B	ATRAZINE DF	0.50	LAA	11						
C»	MSO	1.00	PMV	11						
D	28% UAN	2.50	PMV	11						
9A»	IMPACT 2.8SC	0.011	LAA	11	0	87	87	80	99	99
B	STEADFAST 75WG	0.035	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	CALLISTO 4SC	0.063	LAA	11	0	84	99	99	99	99
B	STEADFAST 75WG	0.035	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A»	LAUDIS 3.5SC	0.055	LAA	11	0	83	94	98	99	99
B	OPTION 35WG	0.033	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MSO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
12A	BALANCE PRO 4	0.047	LAA	9	0	97	97	98	97	94
B»	OPTION 35WDG	0.033	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						
13A	BALANCE PRO 4	0.07	LAA	9	0	98	99	99	99	98
B»	LAUDIS 3.5SC	0.082	LAA	12						
C»	MSO	1.00	PMV	12						
D	28% UAN	2.50	PMV	12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	POLPY
		RATE	UNIT		30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07	30 DAT 07/02/07
14A	BALANCE PRO 4	0.07	LAA	9	0	98	99	99	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						
15A	BALANCE PRO 4	0.047	LAA	9	0	97	99	99	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						
16A	BALANCE PRO 4	0.07	LAA	9	0	97	99	99	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						
17A	BICEP II MAG	2.89	LAA	9	0	78	99	99	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						
18A»	RESOLVE 25DF	0.016	LAA	9	0	83	99	99	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						
19A	BALANCE PRO 4	0.047	LAA	9	0	98	99	98	99	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
20A	CHECK	0.00	NA	0	0	0	0	0	0	0
21A»	LAUDIS 3.5SC	0.055	LAA	12	0	95	99	96	97	99
	B LIBERTY 1.67SL	0.42	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
22A	LIBERTY 1.67SL	0.42	LAA	12	0	95	98	93	98	99
	B ATRAZINE DF	1.00	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
23A	BALANCE PRO 4	0.047	LAA	9	0	97	92	98	98	98
	B ATRAZINE DF	0.50	LAA	9						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
24A	BALANCE PRO 4	0.047	LAA	9	0	97	99	99	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						
		LSD (0.05)			0.00	5.91	12.74	7.06	8.12	8.30
		STANDARD DEVIATION			0.00	3.00	6.37	3.53	4.06	4.15

TITLE: Sequential Programs for Weed Control in Glyphosate and Glufosinate-Resistant Corn.
SW1600

CREATED: 04/25/2007 **REVISED:** 11/05/2007

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: DeKalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

PLOT AREA: 330.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD BU/A 10/25/07
		RATE	UNIT TM	
1A	BICEP II MAG	1.44	LAA 9	173.4
2A»	RADIUS 4SC	0.72	LAA 9	191.2
B	ATRAZINE DF	1.00	LAA 9	
3A	BICEP II MAG	1.44	LAA 9	208.5
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	
4A	GUARDSMAN MAX	1.25	LAA 9	195.6
B»	IMPACT 2.8SC	0.011	LAA 11	
C	ATRAZINE DF	1.00	LAA 11	
D»	MSO	1.00	PMV 11	
E	28% UAN	2.50	PMV 11	
5A»	LAUDIS 3.5SC	0.082	LAA 11	197.0
B	ACCENT 75WG	0.015	LAA 11	
C»	MSO	1.00	PMV 11	
D	28% UAN	2.50	PMV 11	
6A»	LAUDIS 3.5SC	0.082	LAA 11	184.9
B	ATRAZINE DF	1.00	LAA 11	
C»	COC	1.00	PMV 11	
D	28% UAN	2.50	PMV 11	
7A»	LAUDIS 3.5SC	0.082	LAA 11	203.6
B»	MSO	1.00	PMV 11	
C	28% UAN	2.50	PMV 11	
8A	STEADFAST 75WG	0.035	LAA 11	192.2
B	ATRAZINE DF	0.50	LAA 11	
C»	MSO	1.00	PMV 11	
D	28% UAN	2.50	PMV 11	
9A»	IMPACT 2.8SC	0.011	LAA 11	197.8
B	STEADFAST 75WG	0.035	LAA 11	
C	ATRAZINE DF	0.50	LAA 11	
D»	MSO	1.00	PMV 11	
E	28% UAN	2.50	PMV 11	
10A	CALLISTO 4SC	0.063	LAA 11	196.4
B	STEADFAST 75WG	0.035	LAA 11	
C	ATRAZINE DF	0.50	LAA 11	
D»	COC	1.00	PMV 11	
E	28% UAN	2.50	PMV 11	
11A»	LAUDIS 3.5SC	0.055	LAA 11	180.9
B	OPTION 35WG	0.033	LAA 11	
C	ATRAZINE DF	0.50	LAA 11	
D»	MSO	1.00	PMV 11	
E	28% UAN	2.50	PMV 11	
12A	BALANCE PRO 4	0.047	LAA 9	188.7
B»	OPTION 35WDG	0.033	LAA 12	
C»	MSO	1.00	PMV 12	
D	28% UAN	2.50	PMV 12	
13A	BALANCE PRO 4	0.07	LAA 9	197.5
B»	LAUDIS 3.5SC	0.082	LAA 12	
C»	MSO	1.00	PMV 12	
D	28% UAN	2.50	PMV 12	

TITLE: Sequential Programs for Weed Control in Glyphosate and Glufosinate-Resistant Corn.
SW1600

TRT	TREATMENT	DOSAGE	YIELD			
NUM	COMPONENT	RATE	UNIT	TM	BU/A	10/25/07
14A	BALANCE PRO 4	0.07	LAA	9	191.9	
	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		
15A	BALANCE PRO 4	0.047	LAA	9	194.2	
	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		
16A	BALANCE PRO 4	0.07	LAA	9	191.5	
	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		
17A	BICEP II MAG	2.89	LAA	9	189.5	
	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		
18A»	RESOLVE 25DF	0.016	LAA	9	191.1	
	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		
19A	BALANCE PRO 4	0.047	LAA	9	190.1	
	B LIBERTY 1.67SL	0.42	LAA	12		
	C ATRAZINE DF	0.50	LAA	12		
	D»LIQUID AMS	2.50	PMV	12		
20A	CHECK	0.00	NA	0	168.5	
21A»	LAUDIS 3.5SC	0.055	LAA	12	191.7	
	B LIBERTY 1.67SL	0.42	LAA	12		
	C»LIQUID AMS	2.50	PMV	12		
22A	LIBERTY 1.67SL	0.42	LAA	12	196.1	
	B ATRAZINE DF	1.00	LAA	12		
	C»LIQUID AMS	2.50	PMV	12		
23A	BALANCE PRO 4	0.047	LAA	9	190.1	
	B ATRAZINE DF	0.50	LAA	9		
	C»RDUP ORIG MAX	0.77	LAA	12		
	D»LIQUID AMS	2.50	PMV	12		
24A	BALANCE PRO 4	0.047	LAA	9	192.5	
	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		
		LSD (0.05)			17.13	
		STANDARD DEVIATION			8.56	

» = SUPPLEMENTAL CHEMICAL

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

*** TIMING CODES**

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/03/2007(1)
- 11 = ----- / EPOST 05/29/2007(2)
- 12 = ----- / POST 06/06/2007(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 %	05/29/2007	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Sequential Programs for Weed Control in Glyphosate and Glufosinate-Resistant Corn.
SW1600

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
002	SETFA	CON %	05/29/2007	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	05/29/2007	03	P	AMBTR	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/29/2007	04	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/29/2007	05	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	05/29/2007	06	P	POLPY	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	10 DAT	06/07/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	10 DAT	06/07/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBTR	10 DAT	06/07/2007	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	10 DAT	06/07/2007	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	10 DAT	06/07/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	POLPY	10 DAT	06/07/2007	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ZEAMD	30 DAT	07/02/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	30 DAT	07/02/2007	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMBTR	30 DAT	07/02/2007	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	30 DAT	07/02/2007	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	30 DAT	07/02/2007	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	POLPY	30 DAT	07/02/2007	06	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	YIELD	BU/A	10/25/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20

* 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
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED