

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	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/22/08	06/02/08	06/09/08	AME
AIR TEMPERATURE	66	83	82	F
% REL.HUMIDITY	60	62	55	
WIND DIRECTION	SOUTH	SOUTHWEST	WEST	
WIND SPEED	6.0	3.0	6.0	M/H
CLOUD COVER	OVERCAST	OVERCAST	PARTCLDY	
DEW	NO	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	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		---/15	---/16	
PIONEER 34A20		8.00/8.00	18.0/18.0	IN
04/21/2008				
*** PEST ***				
VELVETLEAF		---/13	---/18	
		1.00/3.00	2.00/8.00	IN
WATERHEMP, COMMO		---/18	---/19	
		1.00/3.00	4.00/12.0	IN
LAMBSQUARTERS, C		---/19	---/19	
		1.00/3.00	4.00/12.0	IN
MORNINGGLORY, TA		---/13	---/19	
		1.00/2.00	2.00/6.00	IN
FOXTAIL, GIANT		---/13	---/16	
		2.00/4.00	6.00/14.0	IN
COCKLEBUR, COMMO		---/13	---/18	
		1.00/6.00	4.00/10.0	IN

* TIMING CODES

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

* STAGE CODE

13 = 3 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
16 = 6 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

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

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100
CREATED: 04/12/2008 **REVISED:** 11/11/2008 **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	ABUTH	PHBPU
		RATE	UNIT	TM	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08
1A»	LEXAR 3.7L	3.24	LAA	9	0	98	99	99	99	98
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
2A»	LEXAR 3.7L	3.24	LAA	9	0	98	99	99	99	97
B»	TOUCHDN TOTAL	1.50	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	LEXAR 3.7L	3.24	LAA	9	0	97	99	99	99	97
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	3.24	LAA	9	0	97	99	99	99	96
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
5A»	LEXAR 3.7L	3.24	LAA	9	0	99	99	99	99	94
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.074	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
6A»	LEXAR 3.7L	3.24	LAA	9	0	98	99	99	99	98
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.148	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	LEXAR 3.7L	2.08	LAA	9	0	92	99	99	99	93
B»	HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A	BICEP II MAG	1.44	LAA	9	0	87	95	97	65	84
9A	BICEP II MAG	1.44	LAA	9	0	85	95	96	60	75
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						
10A	BICEP II MAG	1.44	LAA	9	0	89	94	98	68	80
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A	HARNESS XTRA	2.10	LAA	9	0	99	99	99	83	86
B»	IMPACT 2.8SC	0.022	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MSO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
12A	HARNESS (7EC)	1.09	LAA	9	0	98	83	85	45	37
B»	IMPACT 2.8SC	0.011	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	HARNESS (7EC)	1.09	LAA	9	0	92	88	91	47	27
B»	IMPACT 2.8SC	0.011	LAA	12						
C	ATRAZINE DF	0.75	LAA	12						
D»	RNDUP POWERMAX	0.77	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU	
		RATE	UNIT	TM	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	CON % 05/24/08	
14A	HARNES (7EC)	1.09	LAA	9	0	98	90	94	43	30	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
15A	GUARDSMAN MAX	2.50	LAA	9	0	92	99	99	80	89	
	B»STATUS 56DG	0.175	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
16A	BICEP II MAG	2.89	LAA	9	0	97	98	99	81	85	
	B CALLISTO 4SC	0.094	LAA	12							
	C ATRAZINE DF	0.25	LAA	12							
	D»COC	1.00	PMV	12							
	E»LIQUID AMS	2.50	PMV	12							
17A»	BAL FLEXX 2L	0.094	LAA	9	0	94	98	99	99	96	
	B ATRAZINE DF	1.00	LAA	9							
	C»IGNITE 2.33SL	0.40	LAA	12							
	D»LIQUID AMS	5.00	PMV	12							
18A»	HALEX GT 4.38L	1.97	LAA	12	0	C	C	C	C	C	
	B ATRAZINE DF	1.00	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
19A»	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C	
	B»LIQUID AMS	2.50	PMV	12							
20A»	TOUCHDN TOTAL	0.78	LAA	12	0	C	C	C	C	C	
	B»LIQUID AMS	2.50	PMV	12							
21A»	TOUCHDN TOTAL	1.50	LAA	12	0	C	C	C	C	C	
	B»LIQUID AMS	2.50	PMV	12							
22A	CHECK	0.00	NA	0	0	0	0	0	0	0	
23A»	IGNITE 2.33SL	0.40	LAA	12	0	C	C	C	C	C	
	B»LAUDIS 3.5SC	0.082	LAA	12							
	C»LIQUID AMS	5.00	PMV	12							
24A»	RNDUP POWERMAX	0.77	LAA	12	0	C	C	C	C	C	
	B»STATUS 56DG	0.088	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	0.00	3.86	2.26	1.51	6.22	4.86
					STANDARD DEVIATION	0.00	1.93	1.13	0.755	3.11	2.43

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100
CREATED: 04/12/2008 **REVISED:** 11/11/2008 **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	ZEAMD	SETFA	CHEAL	AMATA	ABUTH
		RATE	UNIT	TM	CON % 05/24/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08
1A»	LEXAR 3.7L	3.24	LAA	9	96	0	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
2A»	LEXAR 3.7L	3.24	LAA	9	96	0	99	99	99	99
B»	TOUCHDN TOTAL	1.50	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	LEXAR 3.7L	3.24	LAA	9	96	0	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	3.24	LAA	9	95	0	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
5A»	LEXAR 3.7L	3.24	LAA	9	96	0	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.074	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
6A»	LEXAR 3.7L	3.24	LAA	9	96	0	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.148	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	LEXAR 3.7L	2.08	LAA	9	90	0	99	99	99	99
B»	HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A	BICEP II MAG	1.44	LAA	9	65	0	76	85	82	65
9A	BICEP II MAG	1.44	LAA	9	60	0	93	98	96	92
B»	IMPACT 2.8SC	0.016	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MISO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	BICEP II MAG	1.44	LAA	9	67	0	96	99	99	99
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A	HARNESS XTRA	2.10	LAA	9	75	0	99	99	99	99
B»	IMPACT 2.8SC	0.022	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MISO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
12A	HARNESS (7EC)	1.09	LAA	9	23	0	99	99	99	99
B»	IMPACT 2.8SC	0.011	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	HARNESS (7EC)	1.09	LAA	9	23	0	99	99	99	99
B»	IMPACT 2.8SC	0.011	LAA	12						
C	ATRAZINE DF	0.75	LAA	12						
D»	RNDUP POWERMAX	0.77	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	
		RATE	UNIT	TM	CON % 05/24/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	CON % 06/19/08	
14A	HARNES (7EC)	1.09	LAA	9	27	0	99	99	99	91	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
15A	GUARDSMAN MAX	2.50	LAA	9	78	0	95	99	99	99	
	B»STATUS 56DG	0.175	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
16A	BICEP II MAG	2.89	LAA	9	72	0	94	99	99	99	
	B CALLISTO 4SC	0.094	LAA	12							
	C ATRAZINE DF	0.25	LAA	12							
	D»COC	1.00	PMV	12							
	E»LIQUID AMS	2.50	PMV	12							
17A»	BAL FLEXX 2L	0.094	LAA	9	93	0	99	99	99	99	
	B ATRAZINE DF	1.00	LAA	9							
	C»IGNITE 2.33SL	0.40	LAA	12							
	D»LIQUID AMS	5.00	PMV	12							
18A»	HALEX GT 4.38L	1.97	LAA	12	C	6	99	99	99	99	
	B ATRAZINE DF	1.00	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
19A»	RNDUP POWERMAX	0.77	LAA	12	C	7	99	98	96	98	
	B»LIQUID AMS	2.50	PMV	12							
20A»	TOUCHDN TOTAL	0.78	LAA	12	C	8	99	97	96	97	
	B»LIQUID AMS	2.50	PMV	12							
21A»	TOUCHDN TOTAL	1.50	LAA	12	C	7	99	99	99	99	
	B»LIQUID AMS	2.50	PMV	12							
22A	CHECK	0.00	NA	0	0	C	0	0	0	0	
23A»	IGNITE 2.33SL	0.40	LAA	12	C	8	96	98	98	99	
	B»LAUDIS 3.5SC	0.082	LAA	12							
	C»LIQUID AMS	5.00	PMV	12							
24A»	RNDUP POWERMAX	0.77	LAA	12	C	8	99	99	98	99	
	B»STATUS 56DG	0.088	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	6.30	3.51	2.51	1.00	1.47	3.31
					STANDARD DEVIATION	3.15	1.76	1.25	0.521	0.736	1.66

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100
CREATED: 04/12/2008 **REVISED:** 11/11/2008 **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 % 06/19/08	XANST CON % 06/19/08	ZEAMD CON % 07/07/08	SETFA CON % 07/07/08	CHEAL CON % 07/07/08	AMATA CON % 07/07/08
		RATE	UNIT	TM						
1A»	LEXAR 3.7L	3.24	LAA	9	97	98	0	96	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
2A»	LEXAR 3.7L	3.24	LAA	9	98	98	0	98	99	99
B»	TOUCHDN TOTAL	1.50	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	LEXAR 3.7L	3.24	LAA	9	99	99	0	98	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	3.24	LAA	9	99	99	0	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
5A»	LEXAR 3.7L	3.24	LAA	9	99	97	0	97	98	98
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.074	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
6A»	LEXAR 3.7L	3.24	LAA	9	99	99	0	98	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.148	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	LEXAR 3.7L	2.08	LAA	9	99	98	0	99	99	99
B»	HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A	BICEP II MAG	1.44	LAA	9	72	57	0	79	89	88
9A	BICEP II MAG	1.44	LAA	9	86	82	0	89	98	98
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						
10A	BICEP II MAG	1.44	LAA	9	93	88	0	89	98	98
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A	HARNESS XTRA	2.10	LAA	9	98	98	0	97	99	99
B»	IMPACT 2.8SC	0.022	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MSO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
12A	HARNESS (7EC)	1.09	LAA	9	91	94	0	96	99	98
B»	IMPACT 2.8SC	0.011	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	HARNESS (7EC)	1.09	LAA	9	99	99	0	99	99	99
B»	IMPACT 2.8SC	0.011	LAA	12						
C	ATRAZINE DF	0.75	LAA	12						
D»	RNDUP POWERMAX	0.77	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	XANST	ZEAMD	SETFA	CHEAL	AMATA	
		RATE	UNIT	TM	CON % 06/19/08	CON % 06/19/08	CON % 07/07/08	CON % 07/07/08	CON % 07/07/08	CON % 07/07/08	
14A	HARNES (7EC)	1.09	LAA	9	83	84	0	96	99	99	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
15A	GUARDSMAN MAX	2.50	LAA	9	98	97	0	94	99	99	
	B»STATUS 56DG	0.175	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
16A	BICEP II MAG	2.89	LAA	9	99	99	0	92	99	99	
	B CALLISTO 4SC	0.094	LAA	12							
	C ATRAZINE DF	0.25	LAA	12							
	D»COC	1.00	PMV	12							
	E»LIQUID AMS	2.50	PMV	12							
17A»	BAL FLEXX 2L	0.094	LAA	9	99	99	0	96	99	99	
	B ATRAZINE DF	1.00	LAA	9							
	C»IGNITE 2.33SL	0.40	LAA	12							
	D»LIQUID AMS	5.00	PMV	12							
18A»	HALEX GT 4.38L	1.97	LAA	12	99	99	0	99	99	98	
	B ATRAZINE DF	1.00	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
19A»	RNDUP POWERMAX	0.77	LAA	12	89	89	0	97	97	94	
	B»LIQUID AMS	2.50	PMV	12							
20A»	TOUCHDN TOTAL	0.78	LAA	12	89	89	0	97	95	93	
	B»LIQUID AMS	2.50	PMV	12							
21A»	TOUCHDN TOTAL	1.50	LAA	12	96	94	0	98	99	96	
	B»LIQUID AMS	2.50	PMV	12							
22A	CHECK	0.00	NA	0	0	0	0	0	0	0	
23A»	IGNITE 2.33SL	0.40	LAA	12	97	96	0	83	96	96	
	B»LAUDIS 3.5SC	0.082	LAA	12							
	C»LIQUID AMS	5.00	PMV	12							
24A»	RNDUP POWERMAX	0.77	LAA	12	94	93	0	98	99	98	
	B»STATUS 56DG	0.088	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	3.75	3.28	0.00	3.44	2.43	3.00
					STANDARD DEVIATION	1.87	1.64	0.00	1.72	1.21	1.52

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100
CREATED: 04/12/2008 **REVISED:** 11/11/2008 **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 % 07/07/08	PHBPU CON % 07/07/08	XANST CON % 07/07/08	ZEAMD CON % 08/06/08	SETFA CON % 08/06/08	CHEAL CON % 08/06/08
		RATE	UNIT	TM						
1A»	LEXAR 3.7L	3.24	LAA	9	99	96	97	0	94	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
2A»	LEXAR 3.7L	3.24	LAA	9	99	98	98	0	98	99
B»	TOUCHDN TOTAL	1.50	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
3A»	LEXAR 3.7L	3.24	LAA	9	99	98	98	0	98	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
4A»	LEXAR 3.7L	3.24	LAA	9	99	98	99	0	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	CALLISTO 4SC	0.094	LAA	12						
D	ATRAZINE DF	0.50	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						
5A»	LEXAR 3.7L	3.24	LAA	9	98	97	98	0	96	98
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.074	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
6A»	LEXAR 3.7L	3.24	LAA	9	99	98	99	0	97	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C	NORTHSTAR	0.148	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
7A»	LEXAR 3.7L	2.08	LAA	9	99	98	99	0	99	99
B»	HALEX GT 4.38L	1.97	LAA	11						
C	ATRAZINE DF	1.00	LAA	11						
D»	ACTIVATOR 90	0.25	PMV	11						
E»	LIQUID AMS	2.50	PMV	11						
8A	BICEP II MAG	1.44	LAA	9	57	50	50	0	73	84
9A	BICEP II MAG	1.44	LAA	9	97	87	89	0	87	97
B»	IMPACT 2.8SC	0.016	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	MISO	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
10A	BICEP II MAG	1.44	LAA	9	99	91	93	0	86	98
B»	LAUDIS 3.5SC	0.082	LAA	11						
C	ATRAZINE DF	0.50	LAA	11						
D»	COC	1.00	PMV	11						
E	28% UAN	2.50	PMV	11						
11A	HARNESS XTRA	2.10	LAA	9	97	96	96	0	95	98
B»	IMPACT 2.8SC	0.022	LAA	12						
C	ATRAZINE DF	0.50	LAA	12						
D»	MISO	1.00	PMV	12						
E	28% UAN	2.50	PMV	12						
12A	HARNESS (7EC)	1.09	LAA	9	99	91	93	0	95	99
B»	IMPACT 2.8SC	0.011	LAA	12						
C»	RNDUP POWERMAX	0.77	LAA	12						
D»	LIQUID AMS	2.50	PMV	12						
13A	HARNESS (7EC)	1.09	LAA	9	99	96	98	0	98	99
B»	IMPACT 2.8SC	0.011	LAA	12						
C	ATRAZINE DF	0.75	LAA	12						
D»	RNDUP POWERMAX	0.77	LAA	12						
E»	LIQUID AMS	2.50	PMV	12						

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL	
		RATE	UNIT	TM	CON % 07/07/08	CON % 07/07/08	CON % 07/07/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	
14A	HARNES (7EC)	1.09	LAA	9	97	89	92	0	94	98	
	B»RNDUP POWERMAX	0.77	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
15A	GUARDSMAN MAX	2.50	LAA	9	99	97	97	0	90	99	
	B»STATUS 56DG	0.175	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
16A	BICEP II MAG	2.89	LAA	9	99	97	98	0	88	99	
	B CALLISTO 4SC	0.094	LAA	12							
	C ATRAZINE DF	0.25	LAA	12							
	D»COC	1.00	PMV	12							
	E»LIQUID AMS	2.50	PMV	12							
17A»	BAL FLEXX 2L	0.094	LAA	9	99	97	98	0	94	99	
	B ATRAZINE DF	1.00	LAA	9							
	C»IGNITE 2.33SL	0.40	LAA	12							
	D»LIQUID AMS	5.00	PMV	12							
18A»	HALEX GT 4.38L	1.97	LAA	12	99	97	98	0	98	99	
	B ATRAZINE DF	1.00	LAA	12							
	C»ACTIVATOR 90	0.25	PMV	12							
	D»LIQUID AMS	2.50	PMV	12							
19A»	RNDUP POWERMAX	0.77	LAA	12	96	83	89	0	96	96	
	B»LIQUID AMS	2.50	PMV	12							
20A»	TOUCHDN TOTAL	0.78	LAA	12	96	83	89	0	95	94	
	B»LIQUID AMS	2.50	PMV	12							
21A»	TOUCHDN TOTAL	1.50	LAA	12	98	92	93	0	96	98	
	B»LIQUID AMS	2.50	PMV	12							
22A	CHECK	0.00	NA	0	0	0	0	0	0	0	
23A»	IGNITE 2.33SL	0.40	LAA	12	99	97	97	0	78	95	
	B»LAUDIS 3.5SC	0.082	LAA	12							
	C»LIQUID AMS	5.00	PMV	12							
24A»	RNDUP POWERMAX	0.77	LAA	12	98	96	96	0	93	99	
	B»STATUS 56DG	0.088	LAA	12							
	C»LIQUID AMS	2.50	PMV	12							
					LSD (0.05)	2.16	3.07	4.48	0.00	4.19	2.74
					STANDARD DEVIATION	1.08	1.53	2.24	0.00	2.10	1.37

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100
CREATED: 04/12/2008 **REVISED:** 11/11/2008 **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 CON % 08/06/08	ABUTH CON % 08/06/08	PHBPU CON % 08/06/08	XANST CON % 08/06/08	YIELD BU/A 10/29/08
		RATE	UNIT	TM					
1A»	LEXAR 3.7L	3.24	LAA	9	99	99	94	96	234.3
B»	TOUCHDN TOTAL	0.78	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
2A»	LEXAR 3.7L	3.24	LAA	9	99	99	96	98	222.9
B»	TOUCHDN TOTAL	1.50	LAA	12					
C»	LIQUID AMS	2.50	PMV	12					
3A»	LEXAR 3.7L	3.24	LAA	9	99	99	98	98	211.3
B»	TOUCHDN TOTAL	0.78	LAA	12					
C	CALLISTO 4SC	0.094	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
4A»	LEXAR 3.7L	3.24	LAA	9	99	99	98	98	216.8
B»	TOUCHDN TOTAL	0.78	LAA	12					
C	CALLISTO 4SC	0.094	LAA	12					
D	ATRAZINE DF	0.50	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					
5A»	LEXAR 3.7L	3.24	LAA	9	98	98	96	97	213.9
B»	TOUCHDN TOTAL	0.78	LAA	12					
C	NORTHSTAR	0.074	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
6A»	LEXAR 3.7L	3.24	LAA	9	99	99	96	98	221.0
B»	TOUCHDN TOTAL	0.78	LAA	12					
C	NORTHSTAR	0.148	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
7A»	LEXAR 3.7L	2.08	LAA	9	99	99	97	98	213.1
B»	HALEX GT 4.38L	1.97	LAA	11					
C	ATRAZINE DF	1.00	LAA	11					
D»	ACTIVATOR 90	0.25	PMV	11					
E»	LIQUID AMS	2.50	PMV	11					
8A	BICEP II MAG	1.44	LAA	9	82	50	43	43	210.0
9A	BICEP II MAG	1.44	LAA	9	96	94	82	85	206.7
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					
10A	BICEP II MAG	1.44	LAA	9	96	96	89	94	218.7
B»	LAUDIS 3.5SC	0.082	LAA	11					
C	ATRAZINE DF	0.50	LAA	11					
D»	COC	1.00	PMV	11					
E	28% UAN	2.50	PMV	11					
11A	HARNESS XTRA	2.10	LAA	9	99	95	96	96	217.1
B»	IMPACT 2.8SC	0.022	LAA	12					
C	ATRAZINE DF	0.50	LAA	12					
D»	MSO	1.00	PMV	12					
E	28% UAN	2.50	PMV	12					
12A	HARNESS (7EC)	1.09	LAA	9	99	99	90	95	219.0
B»	IMPACT 2.8SC	0.011	LAA	12					
C»	RNDUP POWERMAX	0.77	LAA	12					
D»	LIQUID AMS	2.50	PMV	12					
13A	HARNESS (7EC)	1.09	LAA	9	99	99	94	96	216.7
B»	IMPACT 2.8SC	0.011	LAA	12					
C	ATRAZINE DF	0.75	LAA	12					
D»	RNDUP POWERMAX	0.77	LAA	12					
E»	LIQUID AMS	2.50	PMV	12					

TITLE: Sequential programs for morningglory control in glyphosate-resistant corn. AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 08/06/08	ABUTH CON % 08/06/08	PHBPU CON % 08/06/08	XANST CON % 08/06/08	YIELD BU/A 10/29/08
14A	HARNES (7EC)	1.09	LAA	9	98	95	86	89	217.6
	B»RNDUP POWERMAX	0.77	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
15A	GUARDSMAN MAX	2.50	LAA	9	99	98	94	96	209.3
	B»STATUS 56DG	0.175	LAA	12					
	C»ACTIVATOR 90	0.25	PMV	12					
	D»LIQUID AMS	2.50	PMV	12					
16A	BICEP II MAG	2.89	LAA	9	99	99	95	97	209.6
	B CALLISTO 4SC	0.094	LAA	12					
	C ATRAZINE DF	0.25	LAA	12					
	D»COC	1.00	PMV	12					
	E»LIQUID AMS	2.50	PMV	12					
17A»	BAL FLEXX 2L	0.094	LAA	9	99	99	95	97	226.5
	B ATRAZINE DF	1.00	LAA	9					
	C»IGNITE 2.33SL	0.40	LAA	12					
	D»LIQUID AMS	5.00	PMV	12					
18A»	HALEX GT 4.38L	1.97	LAA	12	98	99	97	99	197.0
	B ATRAZINE DF	1.00	LAA	12					
	C»ACTIVATOR 90	0.25	PMV	12					
	D»LIQUID AMS	2.50	PMV	12					
19A»	RNDUP POWERMAX	0.77	LAA	12	93	92	78	88	208.9
	B»LIQUID AMS	2.50	PMV	12					
20A»	TOUCHDN TOTAL	0.78	LAA	12	89	92	81	88	192.8
	B»LIQUID AMS	2.50	PMV	12					
21A»	TOUCHDN TOTAL	1.50	LAA	12	93	96	88	92	208.3
	B»LIQUID AMS	2.50	PMV	12					
22A	CHECK	0.00	NA	0	0	0	0	0	91.0
23A»	IGNITE 2.33SL	0.40	LAA	12	93	98	95	96	177.2
	B»LAUDIS 3.5SC	0.082	LAA	12					
	C»LIQUID AMS	5.00	PMV	12					
24A»	RNDUP POWERMAX	0.77	LAA	12	96	97	94	96	195.1
	B»STATUS 56DG	0.088	LAA	12					
	C»LIQUID AMS	2.50	PMV	12					
	LSLSD (0.05)				5.00	4.60	3.54	4.66	19.55
	STANDARD DEVIATION				2.48	2.30	1.77	2.33	9.77

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 04/22/2008(1)
- 11 = ----- / EPOST 06/02/2008(2)
- 12 = ----- / POST 06/09/2008(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 %	05/24/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/24/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/24/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	05/24/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	05/24/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	05/24/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	05/24/2008	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/19/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/19/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/19/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/19/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/19/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/19/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/19/2008	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Sequential programs for morningglory control in glyphosate-resistant 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
015	ZEAMD	CON %	07/07/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/07/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/07/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/07/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/07/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/07/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	07/07/2008	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ZEAMD	CON %	08/06/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	08/06/2008	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	08/06/2008	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	08/06/2008	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	08/06/2008	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	08/06/2008	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	XANST	CON %	08/06/2008	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	YIELD	BU/A	10/29/2008	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = PIONEER 34A20