

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.4  
%OM: 4.8  
PREV.CROP: GLXMA - SOYBEAN  
%RESIDUE: 0  
PLOT WIDTH: 7.5 X 36 FEET  
PLOT AREA: 270 FEET

DESIGN: RCB  
REPS: 4

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/30/08	06/02/08	06/10/08	06/17/08	AME
AIR TEMPERATURE	58	84	82	75	F
% REL.HUMIDITY	35	33	47	32	
WIND DIRECTION	SOUTHEAST	SOUTH	WEST	NORTHWEST	
WIND SPEED	10.0	1.0	4.0	5.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	CLEAR	CLEAR	
DEW	NO	YES	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	GPA	
PRESSURE	32.00	42.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/14	---/16	---/17	
PIONEER 34A20		6.00/6.00	15.0/15.0	22.0/22.0	IN
04/30/2008					
*** PEST ***					
VELVETLEAF		---/10	---/12	---/15	
		1.00/1.00	1.00/2.00	2.00/4.00	IN
WATERHEMP, COMMO		---/14	---/16	---/19	
		1.00/2.00	1.00/2.00	2.00/4.00	IN
RAGWEED, COMMON		---/12	---/14	---/18	
		1.00/2.00	2.00/4.00	4.00/6.00	IN
LAMBSQUARTERS, C		---/14	---/18	---/19	
		1.00/1.00	1.00/2.00	2.00/4.00	IN
MORNINGGLORY, TA		---/12	---/17	---/19	
		1.00/2.00	2.00/4.00	4.00/6.00	IN
SMARTWEED, PENNS		---/15	---/19	---/19	
		2.00/4.00	3.00/5.00	2.00/6.00	IN
FOXTAIL, GIANT		---/13	---/14	---/15	
		1.00/3.00	2.00/4.00	3.00/6.00	IN
COCKLEBUR, COMMO		---/12	---/14	---/16	
		2.00/2.00	2.00/6.00	2.00/6.00	IN

## \* TIMING CODES

09 = ----- / PREEMERGENCE  
11 = ----- / EPOST

**\* TIMING CODES**

12 = ----- / POST  
13 = ----- / LPOST

**\* STAGE CODE**

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
13 = 3 LEAVES UNFOLDED  
14 = 4 LEAVES UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
14 = 4 LEAVES UNFOLDED  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5 LEAVES UNFOLDED  
16 = 6 LEAVES UNFOLDED  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
17 = 7 LEAVES UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT		CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08
1A»	HALEX GT 4.38L	1.97	LAA	11	0	C	C	C	C	C
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	HALEX GT 4.38L	1.97	LAA	11	0	C	C	C	C	C
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A	LUMAX	1.96	LAA	9	0	99	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
4A	LUMAX	1.48	LAA	9	0	99	99	99	99	96
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
5A	BICEP II MAG	1.79	LAA	9	0	97	99	99	99	92
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
6A	ATRAZINE DF	1.00	LAA	9	0	70	99	99	99	93
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.10	LAA	9	0	99	99	99	99	98
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV	11						
C»	RNDUP POWERMAX	0.77	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
10A»	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B»	LAUDIS 3.5SC	0.082	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
11A»	DURANGO 4AE	0.75	LAA	11	0	C	C	C	C	C
B»	SURESTART 4.16	0.91	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B»	STATUS 56DG	0.088	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	0	C	C	C	C	C
B»	IMPACT 2.8SC	0.016	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
14A»	LEXAR 3.7L	2.08	LAA	9	0	99	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	SURESTART 4.16	0.91	LAA	9	0	99	99	99	99	97
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
16A»	TOUCHDN TOTAL	0.78	LAA	11	0	C	C	C	C	C
B	CALLISTO 4SC	0.094	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						

TITLE: Halex GT comparisons for weed control in glyphosate-resistant corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT TM	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08
17A»	SURESTART 4.16	0.91	LAA 9	0	98	99	99	99	97
	B»SURESTART 4.16	0.91	LAA 11						
	C»DURANGO 4AE	0.75	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	0.00	2.83	0.00	0.00	0.167	3.00
			STANDARD DEVIATION	0.00	1.41	0.00	0.00	0.083	1.48

**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH CON % 06/01/08	PHBPU CON % 06/01/08	XANST CON % 06/01/08	ZEAMD CON % 06/10/08	SETFA CON % 06/10/08	CHEAL CON % 06/10/08
		RATE	UNIT							
1A»	HALEX GT 4.38L	1.97	LAA	11	C	C	C	0	99	99
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	HALEX GT 4.38L	1.97	LAA	11	C	C	C	0	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A	LUMAX	1.96	LAA	9	99	98	96	0	98	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
4A	LUMAX	1.48	LAA	9	99	92	87	0	98	99
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
5A	BICEP II MAG	1.79	LAA	9	83	89	78	0	93	98
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
6A	ATRAZINE DF	1.00	LAA	9	80	85	73	0	60	97
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.10	LAA	9	88	90	85	0	94	99
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	0	80	97
B»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	0	76	99
B»	LIQUID AMS	2.50	PMV	11						
C»	RNDUP POWERMAX	0.77	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
10A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	0	83	99
B»	LAUDIS 3.5SC	0.082	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
11A»	DURANGO 4AE	0.75	LAA	11	C	C	C	0	99	99
B»	SURESTART 4.16	0.91	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	0	88	99
B»	STATUS 56DG	0.088	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	C	C	C	0	84	99
B»	IMPACT 2.8SC	0.016	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
14A»	LEXAR 3.7L	2.08	LAA	9	99	98	95	0	96	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	SURESTART 4.16	0.91	LAA	9	91	84	75	0	97	97
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
16A»	TOUCHDN TOTAL	0.78	LAA	11	C	C	C	0	87	99
B	CALLISTO 4SC	0.094	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						

TITLE: Halex GT comparisons for weed control in glyphosate-resistant corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL
		RATE	UNIT TM	CON % 06/01/08	CON % 06/01/08	CON % 06/01/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08
17A»	SURESTART 4.16	0.91	LAA 9	90	80	71	0	99	99
	B»SURESTART 4.16	0.91	LAA 11						
	C»DURANGO 4AE	0.75	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	4.05	4.67	7.35	0.00	4.35	1.44
			STANDARD DEVIATION	2.00	2.33	3.67	0.00	2.18	0.721

**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	POLPY	AMBEL	ABUTH	PHBPU	XANST
		RATE	UNIT		CON % 06/10/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08
1A»	HALEX GT 4.38L	1.97	LAA	11	99	99	98	99	95	93
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	HALEX GT 4.38L	1.97	LAA	11	99	99	99	99	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A	LUMAX	1.96	LAA	9	99	99	99	99	93	88
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
4A	LUMAX	1.48	LAA	9	99	99	93	99	86	73
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
5A	BICEP II MAG	1.79	LAA	9	99	99	75	70	77	58
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
6A	ATRAZINE DF	1.00	LAA	9	94	93	66	60	75	53
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.10	LAA	9	99	98	78	76	84	61
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	RNDUP POWERMAX	0.77	LAA	11	88	94	92	85	78	68
B»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.77	LAA	11	92	95	92	92	83	76
B»	LIQUID AMS	2.50	PMV	11						
C»	RNDUP POWERMAX	0.77	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
10A»	RNDUP POWERMAX	0.77	LAA	11	99	99	98	98	90	89
B»	LAUDIS 3.5SC	0.082	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
11A»	DURANGO 4AE	0.75	LAA	11	99	99	97	99	91	96
B»	SURESTART 4.16	0.91	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	RNDUP POWERMAX	0.77	LAA	11	99	99	99	99	95	92
B»	STATUS 56DG	0.088	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	99	99	95	99	90	83
B»	IMPACT 2.8SC	0.016	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
14A»	LEXAR 3.7L	2.08	LAA	9	99	99	98	99	88	80
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	SURESTART 4.16	0.91	LAA	9	99	99	76	87	69	83
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
16A»	TOUCHDN TOTAL	0.78	LAA	11	99	99	99	99	95	93
B	CALLISTO 4SC	0.094	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						

TITLE: Halex GT comparisons for weed control in glyphosate-resistant corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMATA	POLPY	AMBEL	ABUTH	PHBPU	XANST
		RATE	UNIT TM	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08	CON % 06/10/08
17A»	SURESTART 4.16	0.91	LAA 9	99	99	99	99	92	98
	B»SURESTART 4.16	0.91	LAA 11						
	C»DURANGO 4AE	0.75	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	2.16	2.53	3.67	5.09	6.85	8.28
			STANDARD DEVIATION	1.08	1.27	1.83	2.54	3.42	4.14



**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT		CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08
1A»	HALEX GT 4.38L	1.97	LAA	11	0	96	99	99	99	99
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	HALEX GT 4.38L	1.97	LAA	11	0	98	99	99	99	99
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A	LUMAX	1.96	LAA	9	0	99	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
4A	LUMAX	1.48	LAA	9	0	99	99	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						
5A	BICEP II MAG	1.79	LAA	9	0	99	99	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						
6A	ATRAZINE DF	1.00	LAA	9	0	98	99	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						
7A	HARNES XTRA	2.10	LAA	9	0	97	99	99	99	99
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	RNDUP POWERMAX	0.77	LAA	11	0	70	98	93	99	87
B»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.77	LAA	11	0	94	99	96	99	93
B»	LIQUID AMS	2.50	PMV	11						
C»	RNDUP POWERMAX	0.77	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
10A»	RNDUP POWERMAX	0.77	LAA	11	0	78	99	99	99	97
B»	LAUDIS 3.5SC	0.082	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
11A»	DURANGO 4AE	0.75	LAA	11	0	99	99	99	99	97
B»	SURESTART 4.16	0.91	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	RNDUP POWERMAX	0.77	LAA	11	0	85	99	97	99	94
B»	STATUS 56DG	0.088	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	0	78	99	99	99	93
B»	IMPACT 2.8SC	0.016	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
14A»	LEXAR 3.7L	2.08	LAA	9	0	97	99	99	99	99
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	SURESTART 4.16	0.91	LAA	9	0	97	99	99	99	99
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
16A»	TOUCHDN TOTAL	0.78	LAA	11	0	75	99	99	99	92
B	CALLISTO 4SC	0.094	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						

TITLE: Halex GT comparisons for weed control in glyphosate-resistant corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	AMATA	POLPY	AMBEL
		RATE	UNIT TM	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08
17A»	SURESTART 4.16	0.91	LAA 9	0	98	99	99	99	97
	B»SURESTART 4.16	0.91	LAA 11						
	C»DURANGO 4AE	0.75	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	0.00	4.73	0.385	1.22	0.00	4.00
			STANDARD DEVIATION	0.00	2.37	0.192	0.612	0.00	2.00

**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH CON % 07/08/08	PHBPU CON % 07/08/08	XANST CON % 07/08/08	ZEAMD CON % 08/06/08	SETFA CON % 08/06/08	CHEAL CON % 08/06/08
		RATE	UNIT							
1A	Halex GT 4.38L	1.97	LAA	11	99	92	94	0	96	99
B	ACTIVATOR 90	0.25	PMV	11						
C	LIQUID AMS	2.50	PMV	11						
2A	Halex GT 4.38L	1.97	LAA	11	99	98	98	0	97	99
B	ATRAZINE DF	1.00	LAA	11						
C	ACTIVATOR 90	0.25	PMV	11						
D	LIQUID AMS	2.50	PMV	11						
3A	LUMAX	1.96	LAA	9	99	98	98	0	98	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	LUMAX	1.48	LAA	9	99	98	99	0	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						
5A	BICEP II MAG	1.79	LAA	9	99	99	99	0	98	99
B	Halex GT 4.38L	1.97	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
6A	ATRAZINE DF	1.00	LAA	9	99	97	98	0	98	99
B	Halex GT 4.38L	1.97	LAA	12						
C	ACTIVATOR 90	0.25	PMV	12						
D	LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.10	LAA	9	93	93	92	0	95	99
B	RNDUP POWERMAX	0.77	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	RNDUP POWERMAX	0.77	LAA	11	86	74	65	0	65	95
B	LIQUID AMS	2.50	PMV	11						
9A	RNDUP POWERMAX	0.77	LAA	11	98	88	93	0	92	99
B	LIQUID AMS	2.50	PMV	11						
C	RNDUP POWERMAX	0.77	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
10A	RNDUP POWERMAX	0.77	LAA	11	99	87	80	0	71	99
B	LAUDIS 3.5SC	0.082	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
11A	DURANGO 4AE	0.75	LAA	11	98	85	90	0	98	99
B	SURESTART 4.16	0.91	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
12A	RNDUP POWERMAX	0.77	LAA	11	97	88	76	0	73	99
B	STATUS 56DG	0.088	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
13A	RNDUP POWERMAX	0.77	LAA	11	98	80	76	0	74	99
B	IMPACT 2.8SC	0.016	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
14A	LEXAR 3.7L	2.08	LAA	9	99	97	98	0	96	99
B	TOUCHDN TOTAL	0.78	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
15A	SURESTART 4.16	0.91	LAA	9	98	88	93	0	95	99
B	DURANGO 4AE	0.75	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
16A	TOUCHDN TOTAL	0.78	LAA	11	99	88	82	0	66	99
B	CALLISTO 4SC	0.094	LAA	11						
C	LIQUID AMS	2.50	PMV	11						

TITLE: Halex GT comparisons for weed control in glyphosate-resistant corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ABUTH	PHBPU	XANST	ZEAMD	SETFA	CHEAL
		RATE	UNIT TM	CON % 07/08/08	CON % 07/08/08	CON % 07/08/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08
17A»	SURESTART 4.16	0.91	LAA 9	99	83	95	0	97	99
	B»SURESTART 4.16	0.91	LAA 11						
	C»DURANGO 4AE	0.75	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	1.40	5.68	5.57	0.00	5.45	2.20
			STANDARD DEVIATION	0.70	2.84	2.78	0.00	2.73	1.10

**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	POLPY	AMBEL	ABUTH	PHBPU	XANST
		RATE	UNIT		CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08
1A»	HALEX GT 4.38L	1.97	LAA	11	99	99	99	99	92	92
B»	ACTIVATOR 90	0.25	PMV	11						
C»	LIQUID AMS	2.50	PMV	11						
2A»	HALEX GT 4.38L	1.97	LAA	11	99	99	99	99	97	97
B	ATRAZINE DF	1.00	LAA	11						
C»	ACTIVATOR 90	0.25	PMV	11						
D»	LIQUID AMS	2.50	PMV	11						
3A	LUMAX	1.96	LAA	9	99	99	99	99	97	97
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
4A	LUMAX	1.48	LAA	9	99	99	99	99	98	99
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
5A	BICEP II MAG	1.79	LAA	9	99	99	99	99	98	98
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
6A	ATRAZINE DF	1.00	LAA	9	99	99	99	99	98	98
B»	HALEX GT 4.38L	1.97	LAA	12						
C»	ACTIVATOR 90	0.25	PMV	12						
D»	LIQUID AMS	2.50	PMV	12						
7A	HARNES XTRA	2.10	LAA	9	99	99	99	93	90	91
B»	RNDUP POWERMAX	0.77	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A»	RNDUP POWERMAX	0.77	LAA	11	85	99	75	87	66	61
B»	LIQUID AMS	2.50	PMV	11						
9A»	RNDUP POWERMAX	0.77	LAA	11	94	99	94	98	85	92
B»	LIQUID AMS	2.50	PMV	11						
C»	RNDUP POWERMAX	0.77	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
10A»	RNDUP POWERMAX	0.77	LAA	11	98	99	96	99	81	77
B»	LAUDIS 3.5SC	0.082	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
11A»	DURANGO 4AE	0.75	LAA	11	99	99	95	95	83	79
B»	SURESTART 4.16	0.91	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
12A»	RNDUP POWERMAX	0.77	LAA	11	87	99	87	94	85	70
B»	STATUS 56DG	0.088	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
13A»	RNDUP POWERMAX	0.77	LAA	11	99	99	90	96	75	78
B»	IMPACT 2.8SC	0.016	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
14A»	LEXAR 3.7L	2.08	LAA	9	99	99	99	99	94	95
B»	TOUCHDN TOTAL	0.78	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
15A»	SURESTART 4.16	0.91	LAA	9	99	99	98	97	84	93
B»	DURANGO 4AE	0.75	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
16A»	TOUCHDN TOTAL	0.78	LAA	11	99	99	89	99	82	83
B	CALLISTO 4SC	0.094	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						

TITLE: Halex GT comparisons for weed control in glyphosate-resistant corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		AMATA	POLPY	AMBEL	ABUTH	PHBPU	XANST
		RATE	UNIT TM	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08	CON % 08/06/08
17A»	SURESTART 4.16	0.91	LAA 9	99	99	96	99	78	92
	B»SURESTART 4.16	0.91	LAA 11						
	C»DURANGO 4AE	0.75	LAA 11						
	D»LIQUID AMS	2.50	PMV 11						
18A	CHECK	0.00	NA 0	0	0	0	0	0	0
			LSD (0.05)	4.71	0.00	7.70	2.85	5.26	7.00
			STANDARD DEVIATION	2.35	0.00	3.85	1.43	2.63	3.50

**TITLE:** Halex GT comparisons for weed control in glyphosate-resistant corn. C-500  
**CREATED:** 04/11/2008 **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 36.00 FT LONG  
**PLOT AREA:** 270.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE			YIELD BU/A 10/30/08
		RATE	UNIT	TM	
1A	Halex GT 4.38L	1.97	LAA	11	182.9
B	ACTIVATOR 90	0.25	PMV	11	
C	LIQUID AMS	2.50	PMV	11	
2A	Halex GT 4.38L	1.97	LAA	11	181.0
B	ATRAZINE DF	1.00	LAA	11	
C	ACTIVATOR 90	0.25	PMV	11	
D	LIQUID AMS	2.50	PMV	11	
3A	LUMAX	1.96	LAA	9	183.6
B	TOUCHDN TOTAL	0.78	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
4A	LUMAX	1.48	LAA	9	182.1
B	Halex GT 4.38L	1.97	LAA	12	
C	ACTIVATOR 90	0.25	PMV	12	
D	LIQUID AMS	2.50	PMV	12	
5A	BICEP II MAG	1.79	LAA	9	180.0
B	Halex GT 4.38L	1.97	LAA	12	
C	ACTIVATOR 90	0.25	PMV	12	
D	LIQUID AMS	2.50	PMV	12	
6A	ATRAZINE DF	1.00	LAA	9	182.0
B	Halex GT 4.38L	1.97	LAA	12	
C	ACTIVATOR 90	0.25	PMV	12	
D	LIQUID AMS	2.50	PMV	12	
7A	HARNESS XTRA	2.10	LAA	9	177.0
B	RNDUP POWERMAX	0.77	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
8A	RNDUP POWERMAX	0.77	LAA	11	177.3
B	LIQUID AMS	2.50	PMV	11	
9A	RNDUP POWERMAX	0.77	LAA	11	171.5
B	LIQUID AMS	2.50	PMV	11	
C	RNDUP POWERMAX	0.77	LAA	13	
D	LIQUID AMS	2.50	PMV	13	
10A	RNDUP POWERMAX	0.77	LAA	11	167.7
B	LAUDIS 3.5SC	0.082	LAA	11	
C	LIQUID AMS	2.50	PMV	11	
11A	DURANGO 4AE	0.75	LAA	11	184.7
B	SURESTART 4.16	0.91	LAA	11	
C	LIQUID AMS	2.50	PMV	11	
12A	RNDUP POWERMAX	0.77	LAA	11	172.5
B	STATUS 56DG	0.088	LAA	11	
C	LIQUID AMS	2.50	PMV	11	
13A	RNDUP POWERMAX	0.77	LAA	11	175.1
B	IMPACT 2.8SC	0.016	LAA	11	
C	LIQUID AMS	2.50	PMV	11	
14A	LEXAR 3.7L	2.08	LAA	9	185.1
B	TOUCHDN TOTAL	0.78	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
15A	SURESTART 4.16	0.91	LAA	9	204.8
B	DURANGO 4AE	0.75	LAA	12	
C	LIQUID AMS	2.50	PMV	12	
16A	TOUCHDN TOTAL	0.78	LAA	11	170.6
B	CALLISTO 4SC	0.094	LAA	11	
C	LIQUID AMS	2.50	PMV	11	

