

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

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/28/06	05/07/06	06/05/06	AME
AIR TEMPERATURE	72	73	79	F
% REL. HUMIDITY	26	48	35	
WIND DIRECTION	SOUTHEAST	NORTHWEST	NORTH	
WIND SPEED	6.0	6.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	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
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	42.00	42.00	42.00	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 ASGROW 752RR 04/27/2006		---/11 4.00/4.00	---/16 12.0/14.0	IN
*** PEST *** VELVETLEAF			---/15 2.00/5.00	IN
RAGWEED, COMMON		---/10 0.50/1.00	---/15 4.00/6.00	IN
LAMBSQUARTERS, C		---/10 0.25/0.25	---/19 2.00/4.00	IN
MORNINGGLORY, TA		---/10 0.50/1.00	---/19 1.00/5.00	IN
SMARTWEED, PENNS		---/11 1.00/1.00	---/19 3.00/6.00	IN
FOXTAIL, GIANT		---/11 0.50/0.50	---/17 2.00/6.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
10 = ----- / VEPOST
12 = ----- / POST

* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = FIRST LEAF UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6 LEAVES UNFOLDED
17 = 7 LEAVES UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	POLPY	AMBEL	ABUTH
		RATE	UNIT		CON % 05/25/06	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06
1A	ATRAZINE DF	1.50	LAA	9	0	84	99	99	99	92
	B»WEATHERMAX 4.5	0.75	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»LIQUID AMS	2.50	PMV	10						
2A	ATRAZINE DF	1.50	LAA	9	0	85	99	99	99	95
	B»WEATHERMAX 4.5	0.75	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
3A»	WEATHERMAX 4.5	0.75	LAA	10	0	75	99	99	99	91
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
4A»	WEATHERMAX 4.5	0.75	LAA	10	0	80	99	99	99	88
	B DISTINCT 70SG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
5A»	WEATHERMAX 4.5	0.75	LAA	10	0	80	99	99	99	92
	B»BAS 799 56DG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
6A»	RDUP ORIG MAX	0.75	LAA	10	0	65	96	95	83	70
	B»ACTIVATOR 90	0.25	PMV	10						
	C»LIQUID AMS	2.50	PMV	10						
7A»	STALWART EXTRA	2.20	LAA	10	0	88	99	99	93	88
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»ACTIVATOR 90	0.25	PMV	10						
	D»LIQUID AMS	2.50	PMV	10						
8A	HORNET 68.5WG	0.086	LAA	10	0	60	99	99	99	96
	B ATRAZINE DF	1.00	LAA	10						
	C»GLYPHOMAX XRT	0.75	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						
9A	GUARDSMAN MAX	1.25	LAA	9	0	98	99	99	91	77
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C DISTINCT 70SG	0.131	LAA	12						
	D ATRAZINE DF	1.00	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	GUARDSMAN MAX	1.25	LAA	9	0	95	99	99	89	78
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	KEYSTONE 5.25	1.97	LAA	9	0	99	99	99	99	90
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	GF-1834 4.07EW	0.89	LAA	9	0	99	99	99	98	84
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A	HORNET 68.5WG	0.086	LAA	9	0	75	99	99	99	90
	B ATRAZINE DF	1.00	LAA	9						
	C»GLYPHOMAX XRT	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	CHEAL	POLPY	AMBEL	ABUTH
		RATE	UNIT	TM	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06	CON % 05/25/06
14A	SURPASS 6.4EC	1.00	LAA	9	0	99	95	96	85	62
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
15A»	STALWART EXTRA	2.20	LAA	9	0	98	99	99	98	85
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	HARNESS XTRA	1.75	LAA	9	0	99	99	99	99	94
	B»RDUP ORIG MAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	1.75	LAA	9	0	99	99	99	99	96
	B»IMPACT 2.8SC	0.011	LAA	12						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	HARNESS XTRA	1.75	LAA	9	0	99	99	99	99	93
	B»IMPACT 2.8SC	0.016	LAA	12						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
19A	LUMAX	1.96	LAA	9	0	98	99	99	99	99
	B»TOUCHDN TOTAL	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
20A	HARNESS XTRA	2.35	LAA	9	0	99	99	99	99	93
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A»	RESOLVE 25DF	0.016	LAA	9	0	60	99	99	79	78
	B ATRAZINE DF	1.00	LAA	9						
	C»LIQUID AMS	2.50	PMV	12						
	D»WEATHERMAX 4.5	0.75	LAA	12						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	DUAL II MAGNUM	0.79	LAA	9	0	94	82	85	43	0
	B»GWN-3039 67.5W	0.169	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
24A»	DUAL II MAGNUM	0.79	LAA	9	0	94	84	83	50	0
	B»GWN-3041 75WG	0.023	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
25A»	DUAL II MAGNUM	0.79	LAA	9	0	93	85	84	62	0
	B»GWN-3041 75WG	0.031	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
26A»	RDUP ORIG MAX	0.75	LAA	12	0					
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
27A»	STALWART EXTRA	2.20	LAA	12	0					
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
28A»	RDUP ORIG MAX	0.75	LAA	12	0					
	B»ET-751 0.21L	0.0012	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			0.00	7.35	4.25	4.91	7.84	8.68
		STANDARD DEVIATION			0.00	3.67	2.12	2.45	3.92	4.34

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	ZEAMD	SETFA	CHEAL	POLPY	AMBEL
		RATE	UNIT		CON % 05/25/06	CON % 06/14/06	CON % 06/14/06	CON % 06/14/06	CON % 06/14/06	CON % 06/14/06
1A	ATRAZINE DF	1.50	LAA	9	91	0	91	99	99	97
	B»WEATHERMAX 4.5	0.75	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»LIQUID AMS	2.50	PMV	10						
2A	ATRAZINE DF	1.50	LAA	9	93	0	79	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
3A»	WEATHERMAX 4.5	0.75	LAA	10	91	0	75	99	99	99
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
4A»	WEATHERMAX 4.5	0.75	LAA	10	89	0	67	99	99	98
	B DISTINCT 70SG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
5A»	WEATHERMAX 4.5	0.75	LAA	10	90	0	71	99	99	99
	B»BAS 799 56DG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
6A»	RDUP ORIG MAX	0.75	LAA	10	60	0	40	63	75	47
	B»ACTIVATOR 90	0.25	PMV	10						
	C»LIQUID AMS	2.50	PMV	10						
7A»	STALWART EXTRA	2.20	LAA	10	88	0	93	99	99	94
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»ACTIVATOR 90	0.25	PMV	10						
	D»LIQUID AMS	2.50	PMV	10						
8A	HORNET 68.5WG	0.086	LAA	10	96	0	57	99	99	99
	B ATRAZINE DF	1.00	LAA	10						
	C»GLYPHOMAX XRT	0.75	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						
9A	GUARDSMAN MAX	1.25	LAA	9	77	0	99	99	99	95
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C DISTINCT 70SG	0.131	LAA	12						
	D ATRAZINE DF	1.00	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	GUARDSMAN MAX	1.25	LAA	9	75	0	99	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	KEYSTONE 5.25	1.97	LAA	9	89	0	99	99	99	99
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	GF-1834 4.07EW	0.89	LAA	9	82	0	99	99	99	99
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A	HORNET 68.5WG	0.086	LAA	9	85	0	96	99	99	98
	B ATRAZINE DF	1.00	LAA	9						
	C»GLYPHOMAX XRT	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU CON % 05/25/06	ZEAMD CON % 06/14/06	SETFA CON % 06/14/06	CHEAL CON % 06/14/06	POLPY CON % 06/14/06	AMBEL CON % 06/14/06
		RATE	UNIT	TM						
14A	SURPASS 6.4EC	1.00	LAA	9	47	0	98	99	97	96
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
15A»	STALWART EXTRA	2.20	LAA	9	83	0	99	99	99	99
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	HARNESS XTRA	1.75	LAA	9	92	0	99	99	99	99
	B»RDUP ORIG MAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	1.75	LAA	9	93	0	99	99	99	99
	B»IMPACT 2.8SC	0.011	LAA	12						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	HARNESS XTRA	1.75	LAA	9	88	0	99	99	99	99
	B»IMPACT 2.8SC	0.016	LAA	12						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
19A	LUMAX	1.96	LAA	9	96	0	99	99	99	99
	B»TOUCHDN TOTAL	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
20A	HARNESS XTRA	2.35	LAA	9	92	0	99	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A»	RESOLVE 25DF	0.016	LAA	9	68	0	97	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»LIQUID AMS	2.50	PMV	12						
	D»WEATHERMAX 4.5	0.75	LAA	12						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	DUAL II MAGNUM	0.79	LAA	9	0	0	99	99	99	98
	B»GWN-3039 67.5W	0.169	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
24A»	DUAL II MAGNUM	0.79	LAA	9	0	0	98	99	98	95
	B»GWN-3041 75WG	0.023	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
25A»	DUAL II MAGNUM	0.79	LAA	9	0	0	97	88	98	95
	B»GWN-3041 75WG	0.031	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
26A»	RDUP ORIG MAX	0.75	LAA	12		0	97	83	92	93
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
27A»	STALWART EXTRA	2.20	LAA	12		0	97	98	99	98
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
28A»	RDUP ORIG MAX	0.75	LAA	12		17	97	98	98	94
	B»ET-751 0.21L	0.0012	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			9.72	0.891	7.34	3.72	3.34	4.95
		STANDARD DEVIATION			4.86	0.445	3.67	1.86	1.67	2.47

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	ZEAMD	SETFA	CHEAL	POLPY
		RATE	UNIT		CON % 06/14/06	CON % 06/14/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	CON % 07/05/06
1A	ATRAZINE DF	1.50	LAA	9	97	92	0	86	98	99
	B»WEATHERMAX 4.5	0.75	LAA	10						
	C PROWL H2O 3.8	1.19	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»LIQUID AMS	2.50	PMV	10						
2A	ATRAZINE DF	1.50	LAA	9	93	94	5	77	99	99
	B»WEATHERMAX 4.5	0.75	LAA	10						
	C DISTINCT 70SG	0.131	LAA	10						
	D ATRAZINE DF	1.00	LAA	10						
	E»ACTIVATOR 90	0.25	PMV	10						
	F»LIQUID AMS	2.50	PMV	10						
3A»	WEATHERMAX 4.5	0.75	LAA	10	89	91	0	75	99	99
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
4A»	WEATHERMAX 4.5	0.75	LAA	10	84	90	2	75	96	98
	B DISTINCT 70SG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
5A»	WEATHERMAX 4.5	0.75	LAA	10	83	86	5	72	99	99
	B»BAS 799 56DG	0.131	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»ACTIVATOR 90	0.25	PMV	10						
	E»LIQUID AMS	2.50	PMV	10						
6A»	RDUP ORIG MAX	0.75	LAA	10	43	40	17	47	57	60
	B»ACTIVATOR 90	0.25	PMV	10						
	C»LIQUID AMS	2.50	PMV	10						
7A»	STALWART EXTRA	2.20	LAA	10	79	89	0	85	99	99
	B»RDUP ORIG MAX	0.75	LAA	10						
	C»ACTIVATOR 90	0.25	PMV	10						
	D»LIQUID AMS	2.50	PMV	10						
8A	HORNET 68.5WG	0.086	LAA	10	79	90	7	70	96	98
	B ATRAZINE DF	1.00	LAA	10						
	C»GLYPHOMAX XRT	0.75	LAA	10						
	D»LIQUID AMS	2.50	PMV	10						
9A	GUARDSMAN MAX	1.25	LAA	9	99	98	0	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C DISTINCT 70SG	0.131	LAA	12						
	D ATRAZINE DF	1.00	LAA	12						
	E»ACTIVATOR 90	0.25	PMV	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	GUARDSMAN MAX	1.25	LAA	9	96	96	0	98	99	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
11A	KEYSTONE 5.25	1.97	LAA	9	99	97	0	98	99	99
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	GF-1834 4.07EW	0.89	LAA	9	99	97	0	98	99	99
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A	HORNET 68.5WG	0.086	LAA	9	98	97	0	90	99	98
	B ATRAZINE DF	1.00	LAA	9						
	C»GLYPHOMAX XRT	0.75	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			ABUTH CON % 06/14/06	PHBPU CON % 06/14/06	ZEAMD CON % 07/05/06	SETFA CON % 07/05/06	CHEAL CON % 07/05/06	POLPY CON % 07/05/06
		RATE	UNIT	TM						
14A	SURPASS 6.4EC	1.00	LAA	9	96	95	0	99	99	99
	B»GLYPHOMAX XRT	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
15A»	STALWART EXTRA	2.20	LAA	9	98	94	0	98	99	99
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A	HARNESS XTRA	1.75	LAA	9	98	98	0	97	99	99
	B»RDUP ORIG MAX	0.77	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
17A	HARNESS XTRA	1.75	LAA	9	99	97	0	99	99	99
	B»IMPACT 2.8SC	0.011	LAA	12						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
18A	HARNESS XTRA	1.75	LAA	9	99	98	0	99	99	99
	B»IMPACT 2.8SC	0.016	LAA	12						
	C»RDUP ORIG MAX	0.77	LAA	12						
	D»LIQUID AMS	2.50	PMV	12						
19A	LUMAX	1.96	LAA	9	99	98	0	98	99	99
	B»TOUCHDN TOTAL	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
20A	HARNESS XTRA	2.35	LAA	9	97	98	0	99	99	99
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A»	RESOLVE 25DF	0.016	LAA	9	99	97	0	89	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»LIQUID AMS	2.50	PMV	12						
	D»WEATHERMAX 4.5	0.75	LAA	12						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A»	DUAL II MAGNUM	0.79	LAA	9	99	97	0	97	99	99
	B»GWN-3039 67.5W	0.169	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
24A»	DUAL II MAGNUM	0.79	LAA	9	97	95	1	95	98	99
	B»GWN-3041 75WG	0.023	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
25A»	DUAL II MAGNUM	0.79	LAA	9	95	96	0	96	99	99
	B»GWN-3041 75WG	0.031	LAA	12						
	C»WEATHERMAX 4.5	0.75	LAA	12						
	D»ACTIVATOR 90	0.125	PMV	12						
	E»LIQUID AMS	2.50	PMV	12						
26A»	RDUP ORIG MAX	0.75	LAA	12	93	93	3	87	96	96
	B»ACTIVATOR 90	0.25	PMV	12						
	C»LIQUID AMS	2.50	PMV	12						
27A»	STALWART EXTRA	2.20	LAA	12	98	97	0	96	99	99
	B»RDUP ORIG MAX	0.75	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
28A»	RDUP ORIG MAX	0.75	LAA	12	96	95	5	88	89	93
	B»ET-751 0.21L	0.0012	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			6.64	6.00	4.08	5.16	3.00	3.28
		STANDARD DEVIATION			3.32	3.00	2.00	2.58	1.49	1.64

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500
CREATED: 04/19/2006 **REVISED:** 10/31/2006 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBEL	ABUTH	PHBPU	YIELD
		RATE	UNIT		CON % 07/05/06	CON % 07/05/06	CON % 07/05/06	BU/A 10/06/06
1A	ATRAZINE DF	1.50	LAA	9	95	93	86	167.0
	B»WEATHERMAX 4.5	0.75	LAA	10				
	C PROWL H2O 3.8	1.19	LAA	10				
	D ATRAZINE DF	1.00	LAA	10				
	E»LIQUID AMS	2.50	PMV	10				
2A	ATRAZINE DF	1.50	LAA	9	96	88	89	141.7
	B»WEATHERMAX 4.5	0.75	LAA	10				
	C DISTINCT 70SG	0.131	LAA	10				
	D ATRAZINE DF	1.00	LAA	10				
	E»ACTIVATOR 90	0.25	PMV	10				
	F»LIQUID AMS	2.50	PMV	10				
3A»	WEATHERMAX 4.5	0.75	LAA	10	99	85	90	119.3
	B MARKSMAN SC	1.20	LAA	10				
	C»LIQUID AMS	2.50	PMV	10				
4A»	WEATHERMAX 4.5	0.75	LAA	10	94	93	90	137.4
	B DISTINCT 70SG	0.131	LAA	10				
	C ATRAZINE DF	1.00	LAA	10				
	D»ACTIVATOR 90	0.25	PMV	10				
	E»LIQUID AMS	2.50	PMV	10				
5A»	WEATHERMAX 4.5	0.75	LAA	10	99	81	85	148.0
	B»BAS 799 56DG	0.131	LAA	10				
	C ATRAZINE DF	1.00	LAA	10				
	D»ACTIVATOR 90	0.25	PMV	10				
	E»LIQUID AMS	2.50	PMV	10				
6A»	RDUP ORIG MAX	0.75	LAA	10	30	27	23	80.8
	B»ACTIVATOR 90	0.25	PMV	10				
	C»LIQUID AMS	2.50	PMV	10				
7A»	STALWART EXTRA	2.20	LAA	10	97	67	83	173.5
	B»RDUP ORIG MAX	0.75	LAA	10				
	C»ACTIVATOR 90	0.25	PMV	10				
	D»LIQUID AMS	2.50	PMV	10				
8A	HORNET 68.5WG	0.086	LAA	10	86	80	83	145.0
	B ATRAZINE DF	1.00	LAA	10				
	C»GLYPHOMAX XRT	0.75	LAA	10				
	D»LIQUID AMS	2.50	PMV	10				
9A	GUARDSMAN MAX	1.25	LAA	9	99	98	98	169.7
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C DISTINCT 70SG	0.131	LAA	12				
	D ATRAZINE DF	1.00	LAA	12				
	E»ACTIVATOR 90	0.25	PMV	12				
	F»LIQUID AMS	2.50	PMV	12				
10A	GUARDSMAN MAX	1.25	LAA	9	99	96	96	156.6
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
11A	KEYSTONE 5.25	1.97	LAA	9	99	94	97	175.1
	B»GLYPHOMAX XRT	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
12A»	GF-1834 4.07EW	0.89	LAA	9	99	99	98	187.8
	B»GLYPHOMAX XRT	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
13A	HORNET 68.5WG	0.086	LAA	9	99	93	94	186.8
	B ATRAZINE DF	1.00	LAA	9				
	C»GLYPHOMAX XRT	0.75	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				

TITLE: Weed Control Systems in Glyphosate-Resistant Corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMBEL CON % 07/05/06	ABUTH CON % 07/05/06	PHBPU CON % 07/05/06	YIELD BU/A 10/06/06
		RATE	UNIT	TM				
14A	SURPASS 6.4EC	1.00	LAA	9	98	94	93	181.2
	B»GLYPHOMAX XRT	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
15A»	STALWART EXTRA	2.20	LAA	9	99	97	97	195.5
	B»RDUP ORIG MAX	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
16A	HARNESS XTRA	1.75	LAA	9	99	97	97	169.0
	B»RDUP ORIG MAX	0.77	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
17A	HARNESS XTRA	1.75	LAA	9	99	99	98	117.5
	B»IMPACT 2.8SC	0.011	LAA	12				
	C»RDUP ORIG MAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
18A	HARNESS XTRA	1.75	LAA	9	99	99	98	181.0
	B»IMPACT 2.8SC	0.016	LAA	12				
	C»RDUP ORIG MAX	0.77	LAA	12				
	D»LIQUID AMS	2.50	PMV	12				
19A	LUMAX	1.96	LAA	9	99	99	98	173.6
	B»TOUCHDN TOTAL	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
20A	HARNESS XTRA	2.35	LAA	9	99	98	98	197.1
	B»WEATHERMAX 4.5	0.75	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
21A»	RESOLVE 25DF	0.016	LAA	9	99	92	95	161.8
	B ATRAZINE DF	1.00	LAA	9				
	C»LIQUID AMS	2.50	PMV	12				
	D»WEATHERMAX 4.5	0.75	LAA	12				
22A	CHECK	0.00	NA	0	0	0	0	23.3
23A»	DUAL II MAGNUM	0.79	LAA	9	99	98	98	171.6
	B»GWN-3039 67.5W	0.169	LAA	12				
	C»WEATHERMAX 4.5	0.75	LAA	12				
	D»ACTIVATOR 90	0.125	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
24A»	DUAL II MAGNUM	0.79	LAA	9	99	96	94	173.6
	B»GWN-3041 75WG	0.023	LAA	12				
	C»WEATHERMAX 4.5	0.75	LAA	12				
	D»ACTIVATOR 90	0.125	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
25A»	DUAL II MAGNUM	0.79	LAA	9	99	96	96	188.3
	B»GWN-3041 75WG	0.031	LAA	12				
	C»WEATHERMAX 4.5	0.75	LAA	12				
	D»ACTIVATOR 90	0.125	PMV	12				
	E»LIQUID AMS	2.50	PMV	12				
26A»	RDUP ORIG MAX	0.75	LAA	12	85	92	88	164.4
	B»ACTIVATOR 90	0.25	PMV	12				
	C»LIQUID AMS	2.50	PMV	12				
27A»	STALWART EXTRA	2.20	LAA	12	90	92	94	174.1
	B»RDUP ORIG MAX	0.75	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
28A»	RDUP ORIG MAX	0.75	LAA	12	77	96	93	117.2
	B»ET-751 0.21L	0.0012	LAA	12				
	C»ACTIVATOR 90	0.25	PMV	12				
	D»LIQUID AMS	2.50	PMV	12				
		LSD (0.05)			4.06	5.32	4.60	44.82
		STANDARD DEVIATION			2.00	2.66	2.30	22.41

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/28/2006(1)
 10 = ----- / VEPOST 05/07/2006(2)
 12 = ----- / POST 06/05/2006(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	05/25/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	05/25/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/25/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	POLPY	CON %	05/25/2006	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMBEL	CON %	05/25/2006	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	05/25/2006	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/25/2006	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/14/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/14/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/14/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	POLPY	CON %	06/14/2006	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	06/14/2006	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/14/2006	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	06/14/2006	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	07/05/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/05/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/05/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	POLPY	CON %	07/05/2006	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	AMBEL	CON %	07/05/2006	05	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	ABUTH	CON %	07/05/2006	06	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	07/05/2006	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	YIELD	BU/A	10/06/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 752RR