

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	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/05/04	06/01/04	06/01/04	06/17/04	AME
AIR TEMPERATURE	73	75	68	83	F
% REL. HUMIDITY	40	40	50	70	
WIND DIRECTION	WEST	SOUTHWEST	NORTHEAST	WEST	
WIND SPEED	2.0	7.0	3.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	PARTCLDY	
DEW	NO	NO	YES	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	MOIST/MOI	
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
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	42.00	42.00	42.00	42.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
CORN, DENT		---/15	---/15	---/18	
DEKALB 60-19RR		14.0/14.0	14.0/14.0	30.0/30.0	IN
05/04/2004					
*** PEST ***					
VELVETLEAF		---/12	---/12	---/18	
		1.00/3.00	1.00/3.00	4.00/8.00	IN
RAGWEED, COMMON		---/14	---/14	---/18	
		2.00/4.00	2.00/4.00	4.00/10.0	IN
LAMBSQUARTERS, C		---/19	---/19	---/19	
		1.00/3.00	1.00/3.00	4.00/8.00	IN
MORNINGGLORY, IV		---/14	---/14	---/19	
		1.00/3.00	1.00/3.00	3.00/6.00	IN
SMARTWEED, PENNS		---/19	---/19	---/19	
		2.00/4.00	2.00/4.00	4.00/8.00	IN
FOXTAIL, GIANT		---/13	---/13	---/15	
		2.00/8.00	2.00/8.00	4.00/10.0	IN
COCKLEBUR, COMMO		---/12	---/12	---/18	
		2.00/4.00	2.00/4.00	4.00/10.0	IN

* TIMING CODES

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

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
18 = 8 LEAVES UNFOLDED

* STAGE CODE

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

TITLE: Weed control systems in conventional till corn. C-500
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **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	IPOHE	POLPY	AMBEL
		RATE	UNIT		CON % 06/01/04	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04
1A	»LEXAR 3.7L	3.23	LAA	9	0	98	99	94	99	99
2A	»LEXAR 3.7L	3.23	LAA	9	0	99	99	93	99	99
	B PRINCEP 4L	1.00	LAA	9						
3A	»BICEP II MAGNU	3.30	LAA	9	0	98	99	93	99	93
	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						
4A	»GUARDS MAX 5L	2.50	LAA	9	0	99	99	85	96	92
	B»DISTINCT 70WG	0.175	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	»KEYSTONE 5.25L	3.50	LAA	9	0	98	99	93	96	92
	B»HORNET 68.5WG	0.128	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	»CINCH ATZ 5.5L	1.03	LAA	9	0	93	95	86	85	82
	B»STEADFAST ATZ	0.78	LAA	0						
	C»STEADFAST 75DF	0.035	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E»CALLISTO 4SC	0.047	LAA	12						
	F»COC	1.00	PMV	12						
	G 28% UAN	2.50	PMV	12						
7A	»BALANCE PRO 4S	0.07	LAA	9	0	93	99	93	98	97
	B ATRAZINE DF	1.00	LAA	9						
	C»EQUIP 62WG	0.058	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
8A	HARNESS XTRA	1.89	LAA	9	0	98	98	78	88	65
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	»WEATHERMAX 4.5	0.75	LAA	11	0					
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
10A	»STEADFAST ATZ	0.78	LAA	0	0					
	B»STEADFAST 75DF	0.035	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»CALLISTO 4SC	0.047	LAA	12						
	E»COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
11A	»DUAL II MAGNUM	1.59	LAA	9	0	98	96	53	47	43
	B»CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	»DUAL II MAGNUM	1.59	LAA	9	0	99	96	57	67	42
	B»CALLISTO 4SC	0.094	LAA	12						
	C BUCTRIL 2EC	0.094	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»DUAL II MAGNUM	1.59	LAA	9	0	98	97	37	53	32
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Weed control systems in conventional till corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	CHEAL	IPOHE	POLPY	AMBEL
		RATE	UNIT TM	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04	CON % 06/01/04
15A	DUAL II MAGNUM	1.59	LAA 9	0	99	96	37	53	27
	B»NORTHSTAR 47.4	0.148	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
16A	BICEP II MAGNU	3.30	LAA 9	0	98	99	90	97	96
	B»SFIRIT 57WG	0.036	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
		LSD (0.05)		0.00	4.71	4.43	15.24	13.42	13.69
		STANDARD DEVIATION		0.00	2.29	2.15	7.41	6.53	6.66

TITLE: Weed control systems in conventional till corn. C-500
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **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	XANST	ABUTH	ZEAMD	SETFA	CHEAL	IPOHE
		RATE	UNIT		CON % 06/01/04	CON % 06/01/04	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04
1A	»LEXAR 3.7L	3.23	LAA	9	90	99	0	87	99	72
2A	»LEXAR 3.7L	3.23	LAA	9	87	99	0	93	99	65
	B PRINCEP 4L	1.00	LAA	9						
3A	»BICEP II MAGNU	3.30	LAA	9	76	83	0	96	99	90
	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						
4A	»GUARDS MAX 5L	2.50	LAA	9	60	81	8	91	99	73
	B»DISTINCT 70WG	0.175	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	»KEYSTONE 5.25L	3.50	LAA	9	68	93	3	91	99	76
	B»HORNET 68.5WG	0.128	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	»CINCH ATZ 5.5L	1.03	LAA	9	80	78	15	87	99	75
	B»STEADFAST ATZ	0.78	LAA	0						
	C»STEADFAST 75DF	0.035	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E»CALLISTO 4SC	0.047	LAA	12						
	F»COC	1.00	PMV	12						
	G 28% UAN	2.50	PMV	12						
7A	»BALANCE PRO 4S	0.07	LAA	9	88	91	7	91	99	80
	B ATRAZINE DF	1.00	LAA	9						
	C»EQUIP 62WG	0.058	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
8A	HARNESS XTRA	1.89	LAA	9	37	67	2	98	99	72
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	»WEATHERMAX 4.5	0.75	LAA	11			9	96	95	67
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
10A	»STEADFAST ATZ	0.78	LAA	0			12	67	99	70
	B»STEADFAST 75DF	0.035	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»CALLISTO 4SC	0.047	LAA	12						
	E»COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
11A	»DUAL II MAGNUM	1.59	LAA	9	35	40	5	86	99	83
	B»CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	»DUAL II MAGNUM	1.59	LAA	9	40	22	2	86	99	77
	B»CALLISTO 4SC	0.094	LAA	12						
	C BUCTRIL 2EC	0.094	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»DUAL II MAGNUM	1.59	LAA	9	32	30	9	90	99	70
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Weed control systems in conventional till corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			XANST	ABUTH	ZEAMD	SETFA	CHEAL	IPOHE
		RATE	UNIT	TM	CON % 06/01/04	CON % 06/01/04	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04
15A	DUAL II MAGNUM	1.59	LAA	9	28	30	16	85	99	57
	B»NORTHSTAR 47.4	0.148	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
16A	BICEP II MAGNU	3.30	LAA	9	93	92	2	94	99	83
	B»SFIRIT 57WG	0.036	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
		LSD (0.05)			16.71	14.44	4.36	6.28	1.88	12.17
		STANDARD DEVIATION			8.13	7.00	2.13	3.08	0.92	6.00

TITLE: Weed control systems in conventional till corn. C-500
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **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	POLPY	AMBEL	XANST	ABUTH	ZEAMD	SETFA
		RATE	UNIT		CON % 06/16/04	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04	CON % 07/05/04	CON % 07/05/04
1A	»LEXAR 3.7L	3.23	LAA	9	99	91	70	99	0	87
2A	»LEXAR 3.7L	3.23	LAA	9	99	86	70	99	0	85
	B PRINCEP 4L	1.00	LAA	9						
3A	»BICEP II MAGNU	3.30	LAA	9	99	99	99	99	0	97
	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						
4A	»GUARDS MAX 5L	2.50	LAA	9	99	99	99	99	0	91
	B»DISTINCT 70WG	0.175	LAA	12						
	C»ACTIVATOR 90	0.25	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
5A	»KEYSTONE 5.25L	3.50	LAA	9	99	86	82	99	0	95
	B»HORNET 68.5WG	0.128	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	2.50	PMV	12						
6A	»CINCH ATZ 5.5L	1.03	LAA	9	99	91	99	99	0	92
	B»STEADFAST ATZ	0.78	LAA	0						
	C»STEADFAST 75DF	0.035	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E»CALLISTO 4SC	0.047	LAA	12						
	F»COC	1.00	PMV	12						
	G 28% UAN	2.50	PMV	12						
7A	»BALANCE PRO 4S	0.07	LAA	9	99	96	97	99	0	97
	B ATRAZINE DF	1.00	LAA	9						
	C»EQUIP 62WG	0.058	LAA	12						
	D»MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
8A	HARNESS XTRA	1.89	LAA	9	94	79	90	99	0	98
	B»WEATHERMAX 4.5	0.75	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
9A	»WEATHERMAX 4.5	0.75	LAA	11	99	76	86	99	0	99
	B»LIQUID AMS	2.50	PMV	11						
	C»WEATHERMAX 4.5	0.56	LAA	13						
	D»LIQUID AMS	2.50	PMV	13						
10A	»STEADFAST ATZ	0.78	LAA	0	77	80	77	91	0	82
	B»STEADFAST 75DF	0.035	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D»CALLISTO 4SC	0.047	LAA	12						
	E»COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
11A	»DUAL II MAGNUM	1.59	LAA	9	99	99	98	99	0	92
	B»CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	»DUAL II MAGNUM	1.59	LAA	9	94	77	93	95	0	89
	B»CALLISTO 4SC	0.094	LAA	12						
	C BUCTRIL 2EC	0.094	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»DUAL II MAGNUM	1.59	LAA	9	76	65	67	70	0	80
	B»SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Weed control systems in conventional till corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			POLPY	AMBEL	XANST	ABUTH	ZEAMD	SETFA
		RATE	UNIT	TM	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04	CON % 06/16/04	CON % 07/05/04	CON % 07/05/04
15A	DUAL II MAGNUM	1.59	LAA	9	57	57	53	75	0	76
	B»NORTHSTAR 47.4	0.148	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
16A	BICEP II MAGNU	3.30	LAA	9	94	93	94	99	0	84
	B»SPIRIT 57WG	0.036	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
		LSD (0.05)			10.93	15.73	17.20	8.13	0.00	6.65
		STANDARD DEVIATION			5.35	7.71	8.42	4.00	0.00	3.25

TITLE: Weed control systems in conventional till corn. C-500
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **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	CHEAL	IPOHE	POLPY	AMBEL	XANST	ABUTH
		RATE	UNIT		CON % 07/05/04	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04
1A	LEXAR 3.7L	3.23	LAA	9	96	90	98	99	93	97
2A	LEXAR 3.7L	3.23	LAA	9	97	94	96	99	84	96
	B PRINCEP 4L	1.00	LAA	9						
3A	BICEP II MAGNU	3.30	LAA	9	99	94	99	99	97	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						
4A	GUARDS MAX 5L	2.50	LAA	9	99	90	99	99	99	97
	B DISTINCT 70WG	0.175	LAA	12						
	C ACTIVATOR 90	0.25	PMV	12						
	D LIQUID AMS	2.50	PMV	12						
5A	KEYSTONE 5.25L	3.50	LAA	9	99	83	99	99	99	97
	B HORNET 68.5WG	0.128	LAA	12						
	C COC	1.00	PMV	12						
	D LIQUID AMS	2.50	PMV	12						
6A	CINCH ATZ 5.5L	1.03	LAA	9	99	88	99	99	99	99
	B STEADFAST ATZ	0.78	LAA	0						
	C STEADFAST 75DF	0.035	LAA	12						
	D ATRAZINE DF	0.75	LAA	12						
	E CALLISTO 4SC	0.047	LAA	12						
	F COC	1.00	PMV	12						
	G 28% UAN	2.50	PMV	12						
7A	BALANCE PRO 4S	0.07	LAA	9	99	89	99	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C EQUIP 62WG	0.058	LAA	12						
	D MSO	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
8A	HARNESS XTRA	1.89	LAA	9	99	86	99	98	99	99
	B WEATHERMAX 4.5	0.75	LAA	12						
	C LIQUID AMS	2.50	PMV	12						
9A	WEATHERMAX 4.5	0.75	LAA	11	99	88	99	97	99	99
	B LIQUID AMS	2.50	PMV	11						
	C WEATHERMAX 4.5	0.56	LAA	13						
	D LIQUID AMS	2.50	PMV	13						
10A	STEADFAST ATZ	0.78	LAA	0	99	83	99	99	99	99
	B STEADFAST 75DF	0.035	LAA	12						
	C ATRAZINE DF	0.75	LAA	12						
	D CALLISTO 4SC	0.047	LAA	12						
	E COC	1.00	PMV	12						
	F 28% UAN	2.50	PMV	12						
11A	DUAL II MAGNUM	1.59	LAA	9	99	85	99	99	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	DUAL II MAGNUM	1.59	LAA	9	99	90	99	96	99	99
	B CALLISTO 4SC	0.094	LAA	12						
	C BUCTRIL 2EC	0.094	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	DUAL II MAGNUM	1.59	LAA	9	99	83	99	99	99	83
	B SPIRIT 57WG	0.036	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: Weed control systems in conventional till corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		CHEAL	IPOHE	POLPY	AMBEL	XANST	ABUTH
		RATE	UNIT TM	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04	CON % 07/05/04
15A»	DUAL II MAGNUM	1.59	LAA 9	99	86	99	99	99	99
	B»NORTHSTAR 47.4	0.148	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
16A»	BICEP II MAGNU	3.30	LAA 9	99	89	99	99	99	99
	B»SFIRIT 57WG	0.036	LAA 12						
	C»COC	1.00	PMV 12						
	D 28% UAN	2.50	PMV 12						
		LSD (0.05)		2.65	12.52	2.31	2.73	7.69	6.88
		STANDARD DEVIATION		1.30	6.13	1.13	1.34	3.76	3.37

TITLE: Weed control systems in conventional till corn. C-500
CREATED: 04/06/2004 **REVISED:** 10/20/2004 **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	YIELD BU/A 09/23/04
		RATE	UNIT		
1A	LEXAR 3.7L	3.23	LAA	9	241.7
2A	LEXAR 3.7L	3.23	LAA	9	246.3
	B PRINCEP 4L	1.00	LAA	9	
3A	BICEP II MAGNU	3.30	LAA	9	242.8
	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	
4A	GUARDS MAX 5L	2.50	LAA	9	235.0
	B DISTINCT 70WG	0.175	LAA	12	
	C ACTIVATOR 90	0.25	PMV	12	
	D LIQUID AMS	2.50	PMV	12	
5A	KEYSTONE 5.25L	3.50	LAA	9	235.4
	B HORNET 68.5WG	0.128	LAA	12	
	C COC	1.00	PMV	12	
	D LIQUID AMS	2.50	PMV	12	
6A	CINCH ATZ 5.5L	1.03	LAA	9	232.2
	B STEADFAST ATZ	0.78	LAA	0	
	C STEADFAST 75DF	0.035	LAA	12	
	D ATRAZINE DF	0.75	LAA	12	
	E CALLISTO 4SC	0.047	LAA	12	
	F COC	1.00	PMV	12	
	G 28% UAN	2.50	PMV	12	
7A	BALANCE PRO 4S	0.07	LAA	9	223.8
	B ATRAZINE DF	1.00	LAA	9	
	C EQUIP 62WG	0.058	LAA	12	
	D MSO	1.00	PMV	12	
	E 28% UAN	2.50	PMV	12	
8A	HARNESS XTRA	1.89	LAA	9	250.6
	B WEATHERMAX 4.5	0.75	LAA	12	
	C LIQUID AMS	2.50	PMV	12	
9A	WEATHERMAX 4.5	0.75	LAA	11	234.4
	B LIQUID AMS	2.50	PMV	11	
	C WEATHERMAX 4.5	0.56	LAA	13	
	D LIQUID AMS	2.50	PMV	13	
10A	STEADFAST ATZ	0.78	LAA	0	226.7
	B STEADFAST 75DF	0.035	LAA	12	
	C ATRAZINE DF	0.75	LAA	12	
	D CALLISTO 4SC	0.047	LAA	12	
	E COC	1.00	PMV	12	
	F 28% UAN	2.50	PMV	12	
11A	DUAL II MAGNUM	1.59	LAA	9	237.9
	B CALLISTO 4SC	0.094	LAA	12	
	C ATRAZINE DF	1.00	LAA	12	
	D COC	1.00	PMV	12	
	E 28% UAN	2.50	PMV	12	
12A	DUAL II MAGNUM	1.59	LAA	9	247.7
	B CALLISTO 4SC	0.094	LAA	12	
	C BUCTRIL 2EC	0.094	LAA	12	
	D COC	1.00	PMV	12	
	E 28% UAN	2.50	PMV	12	
13A	CHECK	0.00	NA	0	127.0
14A	DUAL II MAGNUM	1.59	LAA	9	218.0
	B SPIRIT 57WG	0.036	LAA	12	
	C ATRAZINE DF	1.00	LAA	12	
	D COC	1.00	PMV	12	
	E 28% UAN	2.50	PMV	12	

TITLE: Weed control systems in conventional till corn. C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		YIELD	
		RATE	UNIT	TM	09/23/04
15A»	DUAL II MAGNUM	1.59	LAA	9	218.1
	B»NORTHSTAR 47.4	0.148	LAA	12	
	C»COC	1.00	PMV	12	
	D 28% UAN	2.50	PMV	12	
16A»	BICEP II MAGNU	3.30	LAA	9	243.6
	B»SPIRIT 57WG	0.036	LAA	12	
	C»COC	1.00	PMV	12	
	D 28% UAN	2.50	PMV	12	
		LSD (0.05)			17.16
		STANDARD DEVIATION			8.40

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/05/2004(1)
- 11 = ----- / EPOST 06/01/2004(2)
- 12 = ----- / POST 06/01/2004(3)
- 13 = ----- / LPOST 06/17/2004(4)

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 %	06/01/2004	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/01/2004	02	P	SETFA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/01/2004	03	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	06/01/2004	04	P	IPOHE	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/01/2004	05	P	POLPY	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	06/01/2004	06	P	AMBEL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/01/2004	07	P	XANST	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	06/01/2004	08	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/16/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/16/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/16/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	IPOHE	CON %	06/16/2004	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	06/16/2004	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	06/16/2004	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	XANST	CON %	06/16/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	06/16/2004	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	07/05/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	07/05/2004	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	07/05/2004	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	IPOHE	CON %	07/05/2004	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	POLPY	CON %	07/05/2004	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMBEL	CON %	07/05/2004	06	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	XANST	CON %	07/05/2004	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	07/05/2004	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	YIELD	BU/A	09/23/2004	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 60-19RR

* STAGE CODE

- 12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 13 = 3 LEAVES UNFOLDED
- 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
- 15 = 5 LEAVES UNFOLDED
- 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED