

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	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	05/28/03	AME
AIR TEMPERATURE	70	F
% REL.HUMIDITY	50	
WIND DIRECTION	WEST	
WIND SPEED	5.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/16	
DEKALB 6017 RR	16.0/16.0	IN
04/14/2003		
*** PEST ***		
VELVETLEAF	---/14	
	3.00/5.00	IN
RAGWEED, COMMON	---/15	
	2.00/8.00	IN
LAMBSQUARTERS, C	---/19	
	2.00/8.00	IN
MORNINGGLORY, TA	---/17	
	1.00/5.00	IN
SMARTWEED, PENNS	---/19	
	2.00/10.0	IN
FOXTAIL, GIANT	---/14	
	2.00/12.0	IN
COCKLEBUR, COMMO	---/15	
	2.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate Products in Roundup Ready Corn C-500
CREATED: 04/10/2003 **REVISED:** 11/05/2003 **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	AMBEL	ABUTH	POLPY	CHEAL
		RATE	UNIT		CON % 06/06/03	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03
1A	NUP 8D01 2.1L	0.98	LAA 12		0	98	97	96	93	98
B	LIQUID AMS	5.00	PMV 12							
2A	NUP 8D01 2.1L	0.79	LAA 12		0	99	97	95	96	98
B	LIQUID AMS	5.00	PMV 12							
3A	NUP 8D01 2.1L	0.66	LAA 12		0	98	94	90	93	99
B	LIQUID AMS	5.00	PMV 12							
4A	NUP 8D01 2.1L	0.53	LAA 12		0	97	92	87	90	97
B	LIQUID AMS	5.00	PMV 12							
5A	NUP 8D01 2.1L	0.39	LAA 12		0	93	88	83	89	93
B	LIQUID AMS	5.00	PMV 12							
6A	NU 3C 02 3AE	0.75	LAA 12		0	98	95	89	87	91
B	LIQUID AMS	5.00	PMV 12							
7A	NU 3C 02 3AE	0.38	LAA 12		0	93	90	80	72	75
B	LIQUID AMS	5.00	PMV 12							
8A	NUP 3G 02 3.7A	0.75	LAA 12		0	96	79	69	63	70
B	LIQUID AMS	5.00	PMV 12							
9A	NUP 3G 02 3.7A	0.38	LAA 12		0	91	71	60	50	55
B	LIQUID AMS	5.00	PMV 12							
10A	NUP 8E 02 3AE	0.75	LAA 12		0	93	76	67	63	78
B	LIQUID AMS	5.00	PMV 12							
11A	NUP 8E 02 3AE	0.38	LAA 12		0	86	68	55	40	37
B	LIQUID AMS	5.00	PMV 12							
12A	NUP 8A 02 3AE	0.75	LAA 12		0	95	89	78	72	73
B	LIQUID AMS	5.00	PMV 12							
13A	NUP 8A 02 3AE	0.38	LAA 12		0	93	84	80	65	73
B	LIQUID AMS	5.00	PMV 12							
14A	RNDUP ULTRA MA	0.75	LAA 12		0	99	94	87	88	93
B	LIQUID AMS	5.00	PMV 12							
15A	RNDUP ULTRA MA	0.38	LAA 12		0	96	91	82	75	75
B	LIQUID AMS	5.00	PMV 12							
16A	WEATHERMAX 4.5	0.75	LAA 12		0	99	96	90	89	89
B	LIQUID AMS	5.00	PMV 12							
17A	WEATHERMAX 4.5	0.38	LAA 12		0	97	90	81	82	77
B	LIQUID AMS	5.00	PMV 12							
18A	CHECK	0.00	NA 0		0	0	0	0	0	0
19A	TOUCHDN KPMG 4	0.75	LAA 12		0	99	95	90	90	93
B	LIQUID AMS	5.00	PMV 12							
20A	TOUCHDN KPMG 4	0.38	LAA 12		0	96	89	83	73	70
B	LIQUID AMS	5.00	PMV 12							
21A	GLYPHOMAX HC 5	0.75	LAA 12		0	98	94	88	84	88
B	LIQUID AMS	5.00	PMV 12							
22A	GLYPHOMAX HC 5	0.38	LAA 12		0	94	87	78	75	68
B	LIQUID AMS	5.00	PMV 12							
23A	CLEAROUT 41 PL	0.75	LAA 12		0	97	91	84	81	88
B	LIQUID AMS	5.00	PMV 12							

TITLE: Glyphosate Products in Roundup Ready Corn C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	AMBEL	ABUTH	POLPY	CHEAL
		RATE	UNIT TM	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03	CON % 06/06/03
24A	CLEAROUT 41 PL	0.38	LAA 12	0	93	84	75	70	70
B	LIQUID AMS	5.00	PMV 12						
25A	NUP 9G 02 3.8L	0.24	LAA 12	0	0	47	58	33	88
26A	NUP 9G 02 3.8L	0.12	LAA 12	0					
B	NUP 4G 03	0.03	LAA 12						
27A	NUP 9G 02 3.8L	0.12	LAA 12	0	98	97	94	93	97
B	CLEAROUT 41 PL	0.38	LAA 12						
28A	WEATHERMAX 4.5	0.56	LAA 12	12	99	98	98	98	96
B	AIM EW 1.9	0.008	LAA 12						
C	LIQUID AMS	5.00	PMV 12						
LSD (0.05)				2.36	3.41	13.00	13.00	11.55	10.78
STANDARD DEVIATION				1.18	1.70	6.51	6.51	5.78	5.39

TITLE: Glyphosate Products in Roundup Ready Corn C-500
CREATED: 04/10/2003 **REVISED:** 11/05/2003 **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	XANST	ZEAMD	SETFA	AMBEL	ABUTH
		RATE	UNIT		CON % 06/06/03	CON % 06/06/03	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03
1A	NUP 8D01 2.1L	0.98	LAA 12		93	99	0	99	99	99
B	LIQUID AMS	5.00	PMV 12							
2A	NUP 8D01 2.1L	0.79	LAA 12		94	99	0	99	99	99
B	LIQUID AMS	5.00	PMV 12							
3A	NUP 8D01 2.1L	0.66	LAA 12		88	99	0	98	97	96
B	LIQUID AMS	5.00	PMV 12							
4A	NUP 8D01 2.1L	0.53	LAA 12		89	98	0	99	94	95
B	LIQUID AMS	5.00	PMV 12							
5A	NUP 8D01 2.1L	0.39	LAA 12		82	97	0	96	88	89
B	LIQUID AMS	5.00	PMV 12							
6A	NU 3C 02 3AE	0.75	LAA 12		81	98	0	99	98	97
B	LIQUID AMS	5.00	PMV 12							
7A	NU 3C 02 3AE	0.38	LAA 12		62	88	0	96	88	89
B	LIQUID AMS	5.00	PMV 12							
8A	NUP 3G 02 3.7A	0.75	LAA 12		63	88	0	99	98	97
B	LIQUID AMS	5.00	PMV 12							
9A	NUP 3G 02 3.7A	0.38	LAA 12		43	75	0	98	92	91
B	LIQUID AMS	5.00	PMV 12							
10A	NUP 8E 02 3AE	0.75	LAA 12		65	90	0	99	99	98
B	LIQUID AMS	5.00	PMV 12							
11A	NUP 8E 02 3AE	0.38	LAA 12		40	70	0	93	95	83
B	LIQUID AMS	5.00	PMV 12							
12A	NUP 8A 02 3AE	0.75	LAA 12		63	91	0	99	98	98
B	LIQUID AMS	5.00	PMV 12							
13A	NUP 8A 02 3AE	0.38	LAA 12		57	80	0	98	94	90
B	LIQUID AMS	5.00	PMV 12							
14A	RNDUP ULTRA MA	0.75	LAA 12		84	98	0	99	98	99
B	LIQUID AMS	5.00	PMV 12							
15A	RNDUP ULTRA MA	0.38	LAA 12		70	93	0	98	89	90
B	LIQUID AMS	5.00	PMV 12							
16A	WEATHERMAX 4.5	0.75	LAA 12		80	99	0	99	98	99
B	LIQUID AMS	5.00	PMV 12							
17A	WEATHERMAX 4.5	0.38	LAA 12		67	90	0	98	84	85
B	LIQUID AMS	5.00	PMV 12							
18A	CHECK	0.00	NA 0		0	0	0	0	0	0
19A	TOUCHDN KPMG 4	0.75	LAA 12		84	99	0	99	99	99
B	LIQUID AMS	5.00	PMV 12							
20A	TOUCHDN KPMG 4	0.38	LAA 12		62	88	0	95	84	84
B	LIQUID AMS	5.00	PMV 12							
21A	GLYPHOMAX HC 5	0.75	LAA 12		78	99	0	99	99	99
B	LIQUID AMS	5.00	PMV 12							
22A	GLYPHOMAX HC 5	0.38	LAA 12		60	87	0	98	89	84
B	LIQUID AMS	5.00	PMV 12							
23A	CLEAROUT 41 PL	0.75	LAA 12		75	96	0	99	98	99
B	LIQUID AMS	5.00	PMV 12							

TITLE: Glyphosate Products in Roundup Ready Corn C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			PHBPU	XANST	ZEAMD	SETFA	AMBEL	ABUTH
		RATE	UNIT	TM	CON % 06/06/03	CON % 06/06/03	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03
24A	CLEAROUT 41 PL	0.38	LAA	12	53	85	0	96	85	83
	B>>LIQUID AMS	5.00	PMV	12						
25A	NUP 9G 02 3.8L	0.24	LAA	12	47	68	0	7	86	92
26A	NUP 9G 02 3.8L	0.12	LAA	12			0			
	B>>NUP 4G 03	0.03	LAA	12						
27A	NUP 9G 02 3.8L	0.12	LAA	12	94	98	0	99	99	99
	B>>CLEAROUT 41 PL	0.38	LAA	12						
28A	WEATHERMAX 4.5	0.56	LAA	12	99	99	0	98	97	99
	B>>AIM EW 1.9	0.008	LAA	12						
	C>>LIQUID AMS	5.00	PMV	12						
			LSD (0.05)		10.00	11.00	0.00	4.37	5.00	5.30
			STANDARD DEVIATION		5.00	5.50	0.00	2.18	2.48	2.65

TITLE: Glyphosate Products in Roundup Ready Corn C-500
CREATED: 04/10/2003 **REVISED:** 11/05/2003 **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	CHEAL	PHBPU	XANST
		RATE	UNIT		CON % 06/21/03	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03
1A	NUP 8D01 2.1L	0.98	LAA 12		93	98	93	99
B	LIQUID AMS	5.00	PMV 12					
2A	NUP 8D01 2.1L	0.79	LAA 12		96	96	96	99
B	LIQUID AMS	5.00	PMV 12					
3A	NUP 8D01 2.1L	0.66	LAA 12		92	93	91	99
B	LIQUID AMS	5.00	PMV 12					
4A	NUP 8D01 2.1L	0.53	LAA 12		87	89	83	99
B	LIQUID AMS	5.00	PMV 12					
5A	NUP 8D01 2.1L	0.39	LAA 12		81	84	77	99
B	LIQUID AMS	5.00	PMV 12					
6A	NU 3C 02 3AE	0.75	LAA 12		93	92	91	99
B	LIQUID AMS	5.00	PMV 12					
7A	NU 3C 02 3AE	0.38	LAA 12		73	78	70	99
B	LIQUID AMS	5.00	PMV 12					
8A	NUP 3G 02 3.7A	0.75	LAA 12		90	88	85	99
B	LIQUID AMS	5.00	PMV 12					
9A	NUP 3G 02 3.7A	0.38	LAA 12		72	70	63	99
B	LIQUID AMS	5.00	PMV 12					
10A	NUP 8E 02 3AE	0.75	LAA 12		91	91	85	99
B	LIQUID AMS	5.00	PMV 12					
11A	NUP 8E 02 3AE	0.38	LAA 12		70	67	60	99
B	LIQUID AMS	5.00	PMV 12					
12A	NUP 8A 02 3AE	0.75	LAA 12		88	84	77	99
B	LIQUID AMS	5.00	PMV 12					
13A	NUP 8A 02 3AE	0.38	LAA 12		86	75	70	99
B	LIQUID AMS	5.00	PMV 12					
14A	RNDUP ULTRA MA	0.75	LAA 12		96	91	92	99
B	LIQUID AMS	5.00	PMV 12					
15A	RNDUP ULTRA MA	0.38	LAA 12		88	78	77	99
B	LIQUID AMS	5.00	PMV 12					
16A	WEATHERMAX 4.5	0.75	LAA 12		96	94	90	99
B	LIQUID AMS	5.00	PMV 12					
17A	WEATHERMAX 4.5	0.38	LAA 12		84	77	73	99
B	LIQUID AMS	5.00	PMV 12					
18A	CHECK	0.00	NA 0		0	0	0	0
19A	TOUCHDN KPMG 4	0.75	LAA 12		97	95	91	99
B	LIQUID AMS	5.00	PMV 12					
20A	TOUCHDN KPMG 4	0.38	LAA 12		78	73	73	99
B	LIQUID AMS	5.00	PMV 12					
21A	GLYPHOMAX HC 5	0.75	LAA 12		95	92	91	99
B	LIQUID AMS	5.00	PMV 12					
22A	GLYPHOMAX HC 5	0.38	LAA 12		83	72	73	99
B	LIQUID AMS	5.00	PMV 12					
23A	CLEAROUT 41 PL	0.75	LAA 12		95	92	90	99
B	LIQUID AMS	5.00	PMV 12					

TITLE: Glyphosate Products in Roundup Ready Corn C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE			POLPY	CHEAL	PHBPU	XANST
		RATE	UNIT	TM	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03	CON % 06/21/03
24A	CLEAROUT 41 PL	0.38	LAA	12	73	73	67	99
B	LIQUID AMS	5.00	PMV	12				
25A	NUP 9G 02 3.8L	0.24	LAA	12	82	94	80	98
26A	NUP 9G 02 3.8L	0.12	LAA	12				
B	NUP 4G 03	0.03	LAA	12				
27A	NUP 9G 02 3.8L	0.12	LAA	12	96	98	96	99
B	CLEAROUT 41 PL	0.38	LAA	12				
28A	WEATHERMAX 4.5	0.56	LAA	12	94	90	95	99
B	AIM EW 1.9	0.008	LAA	12				
C	LIQUID AMS	5.00	PMV	12				
LSD (0.05)					7.17	8.06	7.59	0.726
STANDARD DEVIATION					3.58	4.00	3.79	0.363

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
12 = ----- / POST 05/28/2003(1)

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 %	06/06/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/06/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/06/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/06/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	POLPY	CON %	06/06/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	06/06/2003	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	06/06/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST	CON %	06/06/2003	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	06/21/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/21/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMBEL	CON %	06/21/2003	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/21/2003	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	POLPY	CON %	06/21/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	CHEAL	CON %	06/21/2003	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/21/2003	07	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	XANST	CON %	06/21/2003	08	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 6017 RR