

SOIL INFORMATION

TRIAL INFORMATION

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

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/01/99	06/04/99	AME
AIR TEMPERATURE	65	77	F
% REL.HUMIDITY	40	70	
WIND DIRECTION	EAST	SOUTHEAST	
WIND SPEED	5.0	8.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	42.00	42.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT			
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/14	
DEKALB 589RR		14.0/14.0	IN
04/30/1999			
*** PEST ***			
VELVETLEAF		---/14	
		2.00/4.00	IN
MORNINGGLORY, TA		---/13	
		1.00/2.00	IN
FOXTAIL, GIANT		---/13	
		2.00/6.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED

TITLE: CDOWVAL HERB COMBOS FOR WEED CONTROL IN RREADY CORN C-500
CREATED: 04/18/1999 **REVISED:** 07/27/1999 **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	PHBPU	ABUTH	ZEAMD	SETFA
		RATE	UNIT		CON % 06/15/99	CON % 06/15/99	CON % 06/15/99	CON % 06/15/99	CON % 07/07/99	CON % 07/07/99
1A	HARNESS (7EC)	1.46	LAA	9	0	99	65	99	0	99
	B»HORNET 85.6WG	0.107	LAA	12						
	C ROUNDUP ULTRA	0.38	LAA	12						
	D AM. SULFATE	17.00	PMG	12						
2A	HARNESS (7EC)	1.46	LAA	9	0	99	77	99	0	99
	B»HORNET 85.6WG	0.128	LAA	12						
	C ROUNDUP ULTRA	0.38	LAA	12						
	D AM. SULFATE	17.00	PMG	12						
3A	HARNESS XTRA	2.56	LAA	9	0	99	78	99	0	99
	B»HORNET 85.6WG	0.128	LAA	9						
	C ROUNDUP ULTRA	0.38	LAA	12						
	D AM. SULFATE	17.00	PMG	12						
4A	HARNESS XTRA	2.56	LAA	9	3	99	83	99	0	99
	B»PYTHON 80WG	0.05	LAA	9						
	C ROUNDUP ULTRA	0.38	LAA	12						
	D AM. SULFATE	17.00	PMG	12						
5A»	HORNET 85.6WG	0.171	LAA	9	0	92	82	96	0	90
	B ROUNDUP ULTRA	0.38	LAA	12						
	C AM. SULFATE	17.00	PMG	12						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A	ROUNDUP ULTRA	0.56	LAA	12	3	93	60	94	0	99
	B AM. SULFATE	17.00	PMG	12						
8A	HARNESS (7EC)	1.46	LAA	9	0	99	73	99	0	98
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	17.00	PMG	12						
9A	HARNESS XTRA	2.56	LAA	9	0	99	78	99	0	99
	B»HORNET 85.6WG	0.128	LAA	12						
	C ROUNDUP ULTRA	0.38	LAA	12						
	D AM. SULFATE	17.00	PMG	12						
10A	HARNESS XTRA	2.56	LAA	9	0	98	87	99	0	98
	B ROUNDUP ULTRA	0.56	LAA	12						
	C AM. SULFATE	17.00	PMG	12						
11A»	AXIOM	0.51	LAA	9	2	98	75	99	0	99
	B ROUNDUP ULTRA	0.75	LAA	12						
	C AM. SULFATE	17.00	PMG	12						
12A	ROUNDUP ULTRA	0.75	LAA	12	0	96	77	96	0	91
13A	ROUNDUP ULTRA	0.75	LAA	12	2	91	87	99	0	88
	B»V-3153 57.6WG	0.005	LAA	12						
14A	ROUNDUP ULTRA	0.75	LAA	12	3	90	85	99	0	87
	B»V-3153 57.6WG	0.009	LAA	12						
15A	ROUNDUP ULTRA	0.75	LAA	12	5	88	88	99	2	88
	B»V-3153 57.6WG	0.014	LAA	12						
16A	ROUNDUP ULTRA	0.75	LAA	12	0	91	78	95	0	91
	B»COC	0.63	PMV	12						
17A	ROUNDUP ULTRA	0.75	LAA	12	0	93	87	99	0	91
	B»RESOURCE	0.014	LAA	12						
	C»COC	0.63	PMV	12						
18A	ROUNDUP ULTRA	0.75	LAA	12	8	93	87	99	5	92
	B»RESOURCE	0.02	LAA	12						

TITLE: CDOWVAL HERB COMBOS FOR WEED CONTROL IN RREADY CORN C-500

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	SETFA	PHBPU	ABUTH	ZEAMD	SETFA
		RATE	UNIT TM	CON % 06/15/99	CON % 06/15/99	CON % 06/15/99	CON % 06/15/99	CON % 07/07/99	CON % 07/07/99
19A	ROUNDUP ULTRA	0.75	LAA 12	3	90	87	99	5	95
	B»RESOURCE	0.02	LAA 12						
	C»COC	1.25	PMV 12						
20A	ROUNDUP ULTRA	0.75	LAA 12	0	96	92	99	0	88
	B»RESOURCE	0.027	LAA 12						
			LSD (0.05)	6.20	6.39	8.79	0.768	4.68	6.40
			STANDARD DEVIATION	3.07	3.16	4.35	0.38	2.32	3.17

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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	ABUTH
		RATE	UNIT		CON % 07/07/99	CON % 07/07/99
1A	HARNES (7EC)	1.46	LAA	9	70	99
	B»HORN 85.6WG	0.107	LAA	12		
	C ROUNDUP ULTRA	0.38	LAA	12		
	D AM. SULFATE	17.00	PMG	12		
2A	HARNES (7EC)	1.46	LAA	9	75	99
	B»HORN 85.6WG	0.128	LAA	12		
	C ROUNDUP ULTRA	0.38	LAA	12		
	D AM. SULFATE	17.00	PMG	12		
3A	HARNES XTRA	2.56	LAA	9	80	99
	B»HORN 85.6WG	0.128	LAA	9		
	C ROUNDUP ULTRA	0.38	LAA	12		
	D AM. SULFATE	17.00	PMG	12		
4A	HARNES XTRA	2.56	LAA	9	83	99
	B»PYTH 80WG	0.05	LAA	9		
	C ROUNDUP ULTRA	0.38	LAA	12		
	D AM. SULFATE	17.00	PMG	12		
5A»	HORN 85.6WG	0.171	LAA	9	73	99
	B ROUNDUP ULTRA	0.38	LAA	12		
	C AM. SULFATE	17.00	PMG	12		
6A	CHECK	0.00	NA	0	0	0
7A	ROUNDUP ULTRA	0.56	LAA	12	87	99
	B AM. SULFATE	17.00	PMG	12		
8A	HARNES (7EC)	1.46	LAA	9	78	99
	B ROUNDUP ULTRA	0.56	LAA	12		
	C AM. SULFATE	17.00	PMG	12		
9A	HARNES XTRA	2.56	LAA	9	88	99
	B»HORN 85.6WG	0.128	LAA	12		
	C ROUNDUP ULTRA	0.38	LAA	12		
	D AM. SULFATE	17.00	PMG	12		
10A	HARNES XTRA	2.56	LAA	9	77	99
	B ROUNDUP ULTRA	0.56	LAA	12		
	C AM. SULFATE	17.00	PMG	12		
11A»	AXIOM	0.51	LAA	9	84	99
	B ROUNDUP ULTRA	0.75	LAA	12		
	C AM. SULFATE	17.00	PMG	12		
12A	ROUNDUP ULTRA	0.75	LAA	12	67	99
13A	ROUNDUP ULTRA	0.75	LAA	12	70	99
	B»V-3153 57.6WG	0.005	LAA	12		
14A	ROUNDUP ULTRA	0.75	LAA	12	82	99
	B»V-3153 57.6WG	0.009	LAA	12		
15A	ROUNDUP ULTRA	0.75	LAA	12	88	99
	B»V-3153 57.6WG	0.014	LAA	12		
16A	ROUNDUP ULTRA	0.75	LAA	12	68	99
	B»COC	0.63	PMV	12		
17A	ROUNDUP ULTRA	0.75	LAA	12	80	99
	B»RESOURCE	0.014	LAA	12		
	C»COC	0.63	PMV	12		
18A	ROUNDUP ULTRA	0.75	LAA	12	83	99
	B»RESOURCE	0.02	LAA	12		

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TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	DOSAGE UNIT	PHBPU CON % 07/07/99	ABUTH CON % 07/07/99
19A	ROUNDUP ULTRA	0.75	LAA 12	93	99
	B»RESOURCE	0.02	LAA 12		
	C»COC	1.25	PMV 12		
20A	ROUNDUP ULTRA	0.75	LAA 12	83	99
	B»RESOURCE	0.027	LAA 12		
		LSD (0.05)		14.14	0.00
		STANDARD DEVIATION		7.00	0.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/01/1999(1)
12 = ----- / POST 06/04/1999(2)

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 %	06/15/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/15/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PHBPU	CON %	06/15/1999	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/15/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/07/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/07/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	07/07/1999	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	07/07/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 589RR