

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.4
%OM: 4.8
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE:
PLOT WIDTH: 7.5 X 36 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/11/00	06/09/00	06/13/00	AME
AIR TEMPERATURE	71	88	82	F
% REL.HUMIDITY	75	70	85	
WIND DIRECTION	SOUTH	SOUTHWEST	SOUTHWEST	
WIND SPEED	15.0	5.0	5.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	CLEAR	
DEW	---	NO	MOIST	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
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 ***				
SOYBEAN		---/11	---/12	
ASGROW 3302RR/ST		4.00/4.00	6.00/6.00	IN
06/13/2000				
*** PEST ***				
LAMBSQUARTERS, C		---/15	---/18	
		2.00/2.00	3.00/3.00	IN
MORNINGGLORY, IV		---/12	---/15	
		1.00/1.00	2.00/2.00	IN
FOXTAIL, GIANT		---/11	---/12	
		2.00/2.00	4.00/4.00	IN
COCKLEBUR, COMMO		---/12	---/14	
		1.00/1.00	4.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

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

TITLE: SOYSYS1 WEED CONTROL SYSTEMS IN RRSOY I C-500
CREATED: 04/18/2000 **REVISED:** 08/07/2000 **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	GLXMA 05/26/00	SETFA 05/26/00	CHEAL 05/26/00	XANST 05/26/00	IPOHE 05/26/00
		RATE	UNIT						
1A»	OUTLOOK 6EC	0.52	LAA 9		0	99	80	0	0
	B BASAGRAN 4SL	1.00	LAA 11						
	C POAST + 1EC	0.20	LAA 11						
	D PINNACLE WG	0.002	LAA 11						
	E 28% UAN	1.25	PMV 11						
2A»	OUTLOOK 6EC	0.52	LAA 9		0	99	78	0	0
	B BASAGRAN 4SL	1.00	LAA 11						
	C POAST + 1EC	0.20	LAA 11						
	D»ULTRA BLAZER	0.16	LAA 11						
	E 28% UAN	1.25	PMV 11						
3A»	OUTLOOK 6EC	0.52	LAA 9		0	99	78	0	0
	B BASAGRAN 4SL	1.00	LAA 11						
	C POAST + 1EC	0.20	LAA 11						
	D»FIRSTRATE 84WG	0.013	LAA 11						
	E 28% UAN	1.25	PMV 11						
4A»	OUTLOOK 6EC	0.52	LAA 9		0	98	82	87	58
	B»CANOPY XL 56.3	0.07	LAA 0						
	C»AUTHORITY	0.058	LAA 9						
	D CLASSIC 25WG	0.012	LAA 9						
	E BASAGRAN 4SL	1.00	LAA 11						
	F POAST + 1EC	0.20	LAA 11						
	G 28% UAN	1.25	PMV 11						
5A	PROWL 3.3EC	1.24	LAA 9		0	40	99	0	0
	B»RAPTOR 1AS	0.031	LAA 11						
	C»SUNIT II	0.94	PMV 11						
	D»FIRSTRATE 84WG	0.013	LAA 11						
	E 28% UAN	1.25	PMV 11						
6A	CHECK	0.00	NA 0		0	0	0	0	0
7A»	OUTLOOK 6EC	0.75	LAA 9		0	99	93	0	0
	B GALAXY SL	0.92	LAA 11						
	C 28% UAN	1.25	PMV 11						
8A	PROWL 3.3EC	1.24	LAA 9		0	53	99	0	0
	B GALAXY SL	0.92	LAA 11						
	C 28% UAN	1.25	PMV 11						
9A»	OUTLOOK 6EC	0.52	LAA 9		0	99	82	0	0
	B ROUNDUP ULTRA	0.75	LAA 12						
	C AM. SULFATE	12.50	PMG 12						
10A	ROUNDUP ULTRA	0.75	LAA 11		0				
	B»OUTLOOK 6EC	0.52	LAA 11						
	C AM. SULFATE	12.50	PMG 11						
11A	ROUNDUP ULTRA	0.75	LAA 12		0				
	B AM. SULFATE	12.50	PMG 12						
12A»	EXTREME 2.17L	0.81	LAA 11		0				
	B»ACTIVATOR 90	0.25	PMV 11						
	C AM. SULFATE	12.50	PMG 11						
13A»	VALOR 50WG	0.063	LAA 9		0	57	99	0	93
	B ROUNDUP ULTRA	0.75	LAA 12						
	C AM. SULFATE	12.50	PMG 12						
14A»	VALOR 50WG	0.094	LAA 9		0	55	99	0	94
	B ROUNDUP ULTRA	0.75	LAA 12						
	C AM. SULFATE	12.50	PMG 12						
15A»	VALOR 50WG	0.063	LAA 9		0	53	99	0	98
	B CLASSIC 25WG	0.031	LAA 9						
	C ROUNDUP ULTRA	0.75	LAA 12						
	D AM. SULFATE	12.50	PMG 12						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA 05/26/00	SETFA 05/26/00	CHEAL 05/26/00	XANST 05/26/00	IPOHE 05/26/00
		RATE	UNIT						
16A»	VALOR 50WG	0.078	LAA 9		0	65	99	0	88
	B CLASSIC 25WG	0.025	LAA 9						
	C ROUNDUP ULTRA	0.75	LAA 12						
	D AM. SULFATE	12.50	PMG 12						
17A»	CANOPY XL 56.3	0.148	LAA 0		0	55	99	48	96
	B»AUTHORITY	0.123	LAA 9						
	C CLASSIC 25WG	0.025	LAA 9						
	D ROUNDUP ULTRA	0.75	LAA 12						
	E AM. SULFATE	12.50	PMG 12						
18A»	VALOR 50WG	0.047	LAA 9		0	62	99	28	96
	B»FIRSTRATE 84WG	0.031	LAA 9						
	C ROUNDUP ULTRA	0.75	LAA 12						
	D AM. SULFATE	12.50	PMG 12						
19A»	BOUNDARY 7.8L	1.22	LAA 9		0	99	99	0	0
	B ROUNDUP ULTRA	0.75	LAA 12						
	C AM. SULFATE	12.50	PMG 12						
20A»	DOMAIN 60DF	0.375	LAA 9		0	63	99	0	33
	B ROUNDUP ULTRA	0.75	LAA 12						
	C AM. SULFATE	12.50	PMG 12						
LSD (0.05)					0.00	11.39	7.18	6.41	7.92
STANDARD DEVIATION					0.00	5.64	3.55	3.17	3.92

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/11/2000 (1)
11 = ----- / EPOST 06/09/2000 (2)
12 = ----- / POST 06/13/2000 (3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA		05/26/2000	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA		05/26/2000	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL		05/26/2000	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST		05/26/2000	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	IPOHE		05/26/2000	05	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3302RR/ST'S