

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.6
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/11/99	06/03/99	AME
AIR TEMPERATURE	77	72	F
% REL.HUMIDITY	65	68	
WIND DIRECTION	NORTHEAST	SOUTHEAST	
WIND SPEED	3.0	5.0	M/H
CLOUD COVER	PARTCLDY	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	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT			
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/13	
ASGROW 3601 RR/S		4.00/6.00	IN
05/10/1999			
*** PEST ***			
KOCHIA		---/19	
		2.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: SKOCHALV SOYBEAN HERBICIDES FOR KOCHIA IN RRSOYS - ALVIN
CREATED: 05/02/1999 **REVISED:** 09/01/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: ALVIN, IL **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	KCHSC	GLXMA	KCHSC	GLXMA	KCHSC
		RATE	UNIT		10DAT 05/25/99	10DAT 05/25/99	20DAT 06/01/99	20DAT 06/01/99	30DAT 06/10/99	30DAT 06/10/99
1A»	TOUCHDOWN 5 (5 B AM. SULFATE	0.56 8.50	LAA PMG 12	12	5	93	2	98	1	99
2A»	TOUCHDOWN 5 (5 B AM. SULFATE	0.75 8.50	LAA PMG 12	12	10	95	3	96	2	99
3A»	TOUCHDOWN 5 (5 B»FIRSTRATE 84WG C AM. SULFATE	0.56 0.016 8.50	LAA LAA PMG 12	12	5	92	2	95	2	96
4A	ROUNDUP ULTRA B AM. SULFATE	0.56 8.50	LAA PMG 12	12	0	95	0	98	0	99
5A	ROUNDUP ULTRA B AM. SULFATE	0.75 8.50	LAA PMG 12	12	3	95	0	95	0	94
6A	ROUNDUP ULTRA B»FIRSTRATE 84WG C AM. SULFATE	0.56 0.016 8.50	LAA LAA PMG 12	12	2	95	0	96	0	99
7A»	FLEXSTAR 1.88M B»MSO C 28% UAN	0.294 1.00 2.50	LAA PMV PMV 12	12	15	95	9	92	4	93
8A»	FLEXSTAR 1.88M B»FIRSTRATE 84WG C»MSO D 28% UAN	0.294 0.016 1.00 2.50	LAA LAA PMV PMV 12	12	15	90	5	83	3	90
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	BASAGRAN 4SL B»COC	1.00 1.00	LAA PMV 12	12	5	77	3	70	2	60
11A	BLAZER 2SL B»COC	0.31 1.00	LAA PMV 12	12	15	77	6	73	4	65
12A	PURSUIT DG (70 B»MSO C 28% UAN	0.063 1.00 2.50	LAA PMV PMV 12	12	8	37	4	30	3	27
13A»	RAPTOR (70 DG) B»MSO C 28% UAN	0.039 1.00 2.50	LAA PMV PMV 12	12	12	30	8	20	4	20
14A	COBRA 2EC B»COC C 28% UAN	0.125 1.00 2.50	LAA PMV PMV 12	12	23	95	12	95	4	93
15A	COBRA 2EC B»COC C 28% UAN	0.094 1.00 2.50	LAA PMV PMV 12	12	28	92	9	82	3	82
16A»	AUTHORITY	0.25	LAA	9	1	88	0	85	0	67
17A»	AUTHORITY	0.188	LAA	9	1	88	0	85	0	78
18A»	AUTHORITY B ROUNDUP ULTRA C AM. SULFATE	0.188 0.56 8.50	LAA LAA PMG 12	9 12 12	1	90	0	90	0	95
19A	COMMAND 3ME	1.25	LAA	9	0	98	0	96	0	93
20A	PROWL 3.3EC	1.25	LAA	9	0	87	0	85	0	73
21A	CHECK	0.00	NA	0	0	0	0	0	0	0
22A»	VALOR 50WG	0.063	LAA	9	0	85	0	82	0	60

TITLE: SKOCHALV SOYBEAN HERBICIDES FOR KOCHIA IN RRSOYS - ALVIN

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	KCHSC	GLXMA	KCHSC	GLXMA	KCHSC
		RATE	UNIT	TM	10DAT 05/25/99	10DAT 05/25/99	20DAT 06/01/99	20DAT 06/01/99	30DAT 06/10/99	30DAT 06/10/99
23A»	VALOR 50WG	0.094	LAA	9	0	88	1	87	0	67
24A»	VALOR 50WG	0.125	LAA	9	1	90	2	83	0	72
25A»	USA 1999 75DF	0.45	LAA	9	2	90	0	90	0	83
26A»	CANOPY XL 56.3	0.24	LAA	9	1	93	0	92	0	70
	B»AUTHORITY	0.20	LAA	9						
	C CLASSIC 25WG	0.04	LAA	9						
		LSD (0.05)			2.19	6.44	1.57	8.59	1.56	11.37
		STANDARD DEVIATION			1.10	3.22	0.786	4.30	0.782	5.69

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/11/1999(1)
12 = ----- / POST 06/03/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	GLXMA	10DAT	05/25/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	KCHSC	10DAT	05/25/1999	02	P	KCHSC		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	20DAT	06/01/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	KCHSC	20DAT	06/01/1999	02	P	KCHSC		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	30DAT	06/10/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	KCHSC	30DAT	06/10/1999	02	P	KCHSC		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3601 RR/STS