

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE:
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/26/99	06/16/99	06/25/99	AME
AIR TEMPERATURE	75	65	87	F
% REL.HUMIDITY	50	50	65	
WIND DIRECTION	---	EAST	NORTHEAST	
WIND SPEED	0.0	5.0	3.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	
DEW	---	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
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	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT				
DEN/ STG/ MINMAXSZ				
*** CROP ***				
SOYBEAN		---/12	---/14	
LT2874LL		3.00/4.00	5.00/6.00	IN
05/26/1999				
*** PEST ***				
VELVETLEAF		---/12	---/14	
		1.00/2.00	2.00/4.00	IN
PIGWEEED, SMOOTH		---/14	---/18	
		1.00/2.00	2.00/4.00	IN
LAMBSQUARTERS, C		---/14	---/18	
		1.00/1.00	2.00/3.00	IN
FOXTAIL, GIANT		---/12	---/14	
		1.00/3.00	3.00/6.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES (UNIFOLIATE FIRST LEAF PAIR) UNFOLDED, 1 NODE
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: LLSOY WEED CONTROL IN LIBERTY-LINK SOYS AS-100
 CREATED: 05/08/1999 REVISED: 08/19/1999 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: URBANA RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG REPS: 03

TRT TREATMENT	DOSAGE		GLXMA	SETFA	AMACH	ABUTH	CHEAL	GLXMA
NUM COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
			07/05/99	07/05/99	07/05/99	07/05/99	07/05/99	07/26/99
1A»LIBERTY	0.27	LAA 11	0	78	78	98	96	0
B AM. SULFATE	17.00	PMG 11						
2A CHECK	0.00	NA 0	0	0	0	0	0	0
3A»LIBERTY	0.27	LAA 11	0	94	95	96	96	0
B AM. SULFATE	17.00	PMG 11						
C»LIBERTY	0.27	LAA 13						
D AM. SULFATE	17.00	PMG 13						
4A CHECK	0.00	NA 0	0	0	0	0	0	0
5A COMMAND 3ME	0.375	LAA 9	0	95	80	98	93	0
B»LIBERTY	0.27	LAA 11						
C AM. SULFATE	17.00	PMG 11						
6A COMMAND 3ME	0.75	LAA 9	0	94	92	98	98	0
B»LIBERTY	0.27	LAA 11						
C AM. SULFATE	17.00	PMG 11						
7A PROWL 3.3EC	1.25	LAA 9	0	96	99	98	96	0
B PURSUIT DG (70	0.063	LAA 11						
C»SUNIT II	0.75	PMV 11						
D 28% UAN	1.25	PMV 11						
8A»FRONTIER 6.0EC	0.94	LAA 9	0	90	90	90	90	0
B»LIBERTY	0.36	LAA 11						
C AM. SULFATE	17.00	PMG 11						
9A»FRONTIER 6.0EC	0.94	LAA 11	0	97	92	96	99	0
B»LIBERTY	0.36	LAA 11						
C AM. SULFATE	17.00	PMG 11						
10A»LIBERTY	0.36	LAA 11	0	95	99	99	99	0
B AM. SULFATE	17.00	PMG 11						
C»LIBERTY	0.36	LAA 13						
D AM. SULFATE	17.00	PMG 13						
11A»AUTHORITY	0.188	LAA 9	2	88	96	95	98	0
B»LIBERTY	0.27	LAA 11						
C AM. SULFATE	17.00	PMG 11						
12A»CANOPY XL/AUTH	0.164	LAA 0	2	88	98	98	98	0
B»AUTHORITY	0.137	LAA 9						
C»SKIRMISH/CLASS	0.027	LAA 9						
D»LIBERTY	0.27	LAA 11						
E AM. SULFATE	17.00	PMG 11						
	LSD (0.05)		2.00	3.57	8.75	3.63	5.24	0.00
	STANDARD DEVIATION		1.00	1.72	4.22	1.75	2.53	0.00

TITLE: LLSOY WEED CONTROL IN LIBERTY-LINK SOYS AS-100
CREATED: 05/08/1999 **REVISED:** 08/19/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	SETFA	AMACH	ABUTH	CHEAL
	RATE	UNIT		CON % 07/26/99	CON % 07/26/99	CON % 07/26/99	CON % 07/26/99
1A»LIBERTY	0.27	LAA 11		78	77	93	93
B AM. SULFATE	17.00	PMG 11					
2A CHECK	0.00	NA 0		0	0	0	0
3A»LIBERTY	0.27	LAA 11		92	90	92	92
B AM. SULFATE	17.00	PMG 11					
C»LIBERTY	0.27	LAA 13					
D AM. SULFATE	17.00	PMG 13					
4A CHECK	0.00	NA 0		0	0	0	0
5A COMMAND 3ME	0.375	LAA 9		92	78	93	90
B»LIBERTY	0.27	LAA 11					
C AM. SULFATE	17.00	PMG 11					
6A COMMAND 3ME	0.75	LAA 9		93	90	93	93
B»LIBERTY	0.27	LAA 11					
C AM. SULFATE	17.00	PMG 11					
7A PROWL 3.3EC	1.25	LAA 9		93	95	95	92
B PURSUIT DG (70)	0.063	LAA 11					
C»SUNIT II	0.75	PMV 11					
D 28% UAN	1.25	PMV 11					
8A»FRONTIER 6.0EC	0.94	LAA 9		90	88	90	90
B»LIBERTY	0.36	LAA 11					
C AM. SULFATE	17.00	PMG 11					
9A»FRONTIER 6.0EC	0.94	LAA 11		95	90	90	96
B»LIBERTY	0.36	LAA 11					
C AM. SULFATE	17.00	PMG 11					
10A»LIBERTY	0.36	LAA 11		93	95	95	95
B AM. SULFATE	17.00	PMG 11					
C»LIBERTY	0.36	LAA 13					
D AM. SULFATE	17.00	PMG 13					
11A»AUTHORITY	0.188	LAA 9		87	92	93	95
B»LIBERTY	0.27	LAA 11					
C AM. SULFATE	17.00	PMG 11					
12A»CANOPY XL/AUTH	0.164	LAA 0		87	93	93	95
B»AUTHORITY	0.137	LAA 9					
C»SKIRMISH/CLASS	0.027	LAA 9					
D»LIBERTY	0.27	LAA 11					
E AM. SULFATE	17.00	PMG 11					
	LSD (0.05)			4.48	8.00	4.40	5.16
	STANDARD DEVIATION			2.16	3.87	2.12	2.49

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/26/1999(1)
 11 = ----- / EPOST 06/16/1999(2)
 13 = ----- / LPOST 06/25/1999(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	07/05/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	07/05/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMACH	CON %	07/05/1999	03	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	07/05/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	07/05/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: LLSOY WEED CONTROL IN LIBERTY-LINK SOYS AS-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
006	GLXMA	CON %	07/26/1999	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/26/1999	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMACH	CON %	07/26/1999	03	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/26/1999	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	07/26/1999	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = LT2874LL