

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.2
%OM: 6.0
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/07/02	06/12/02	06/18/02	AME
AIR TEMPERATURE	58	76	85	F
% REL. HUMIDITY	81	71	60	
WIND DIRECTION	NORTHEAST	NORTHEAST	SOUTHWEST	
WIND SPEED	8.0	7.0	9.0	M/H
CLOUD COVER	OVERCAST	OVERCAST	CLEAR	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	FRIABLE	FRIABLE	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** PEST ***				
VELVETLEAF		MED/14 2.00/2.00	MED/16 4.00/4.00	IN
RAGWEED, GIANT		HGH/16 6.00/6.00	HGH/19 8.00/10.0	IN
LAMBSQUARTERS, C		MED/18 2.00/2.00	MED/19 4.50/4.50	IN
FOXTAIL, GIANT		HGH/14 3.00/3.00	HGH/15 6.00/6.00	IN
CORN, DENT PIONEER 35P17LL 05/05/2002		---/14 7.00/7.00	---/16 16.0/16.0	IN

* TIMING CODES

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

* STAGE CODE

14 = 4 LEAVES UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Weed Control Systems in Liberty Link Corn SW - 1600

CREATED: 04/19/2002 REVISED: 11/06/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD
		RATE	UNIT		CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/27/02
1A	BALANCE PRO 4S	0.047	LAA	9	0	77	70	95	93	0
	B»LIBERTY	0.31	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4S	0.047	LAA	9	0	78	75	96	95	8
	B»OPTION 35WDG	0.033	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
3A	DEFINE 60DF	0.45	LAA	9	0	82	0	55	28	0
	B»LIBERTY	0.31	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
4A	AXIOM	0.43	LAA	9	0	83	0	63	30	0
	B»LIBERTY	0.31	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
5A	LIBERTY	0.31	LAA	11	0					0
	B»LIQUID AMS	5.00	PMV	11						
6A	LIBERTY	0.31	LAA	11	0					0
	B»DEFINE 60DF	0.15	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
7A	LIBERTY	0.31	LAA	11	0					0
	B»DEFINE 60DF	0.225	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
8A	LIBERTY	0.31	LAA	11	0					0
	B»DEFINE 60DF	0.30	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
9A	LIBERTY ATZ 4.	1.35	LAA	11	0					0
	B»LIQUID AMS	5.00	PMV	11						
10A	LIBERTY	0.31	LAA	11	0					0
	B»DEFINE 60DF	0.15	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
11A	LIBERTY	0.13	LAA	11	0					0
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
12A	LIBERTY	0.20	LAA	11	0					0
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
13A	LIBERTY	0.26	LAA	11	0					0
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
14A	LIBERTY	0.31	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						
15A	LIBERTY	0.36	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						

DATA MEAN

TITLE: Weed Control Systems in Liberty Link Corn SW - 1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD
		RATE	UNIT		CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/27/02
16A»	LIBERTY	0.42	LAA	12						0
	B»LIQUID AMS	5.00	PMV	12						
17A»	LIBERTY	0.31	LAA	12						0
	B»CALLISTO 4SC	0.031	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	LIBERTY	0.31	LAA	12						0
	B»CALLISTO 4SC	0.047	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
20A»	LIBERTY	0.31	LAA	12						0
	B»CALLISTO 4SC	0.063	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
21A»	LIBERTY	0.21	LAA	12						0
	B»CALLISTO 4SC	0.094	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	5.00	PMV	12						
22A»	LIBERTY	0.31	LAA	12						0
	B»DISTINCT 70WG	0.088	LAA	12						
	C 28% UAN	2.50	PMV	12						
		LSD (0.05)			0.00	6.92	3.60	2.66	1.43	1.00
		STANDARD DEVIATION			0.00	3.43	1.78	1.32	0.709	0.514

DATA MEAN

TITLE: Weed Control Systems in Liberty Link Corn SW - 1600

CREATED: 04/19/2002 REVISED: 11/06/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD	SETFA
		RATE	UNIT		CON % 06/27/02	CON % 06/27/02	CON % 06/27/02	CON % 06/27/02	CON % 07/16/02	CON % 07/16/02
1A	BALANCE PRO 4S	0.047	LAA	9	98	96	99	98	0	98
	B»LIBERTY	0.31	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
2A	BALANCE PRO 4S	0.047	LAA	9	94	93	95	99	0	99
	B»OPTION 35WDG	0.033	LAA	12						
	C»MSO	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
3A	DEFINE 60DF	0.45	LAA	9	98	96	99	98	0	98
	B»LIBERTY	0.31	LAA	12						
	C ATRAZINE DF	0.50	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
4A	AXIOM	0.43	LAA	9	98	97	99	98	0	94
	B»LIBERTY	0.31	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»LIQUID AMS	5.00	PMV	12						
5A	LIBERTY	0.31	LAA	11	95	97	98	92	0	90
	B»LIQUID AMS	5.00	PMV	11						
6A	LIBERTY	0.31	LAA	11	97	98	99	95	0	95
	B»DEFINE 60DF	0.15	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
7A	LIBERTY	0.31	LAA	11	95	98	99	91	0	95
	B»DEFINE 60DF	0.225	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
8A	LIBERTY	0.31	LAA	11	98	96	99	95	0	93
	B»DEFINE 60DF	0.30	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
9A	LIBERTY ATZ 4.	1.35	LAA	11	98	96	99	96	0	96
	B»LIQUID AMS	5.00	PMV	11						
10A	LIBERTY	0.31	LAA	11	98	97	99	98	0	96
	B»DEFINE 60DF	0.15	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
11A	LIBERTY	0.13	LAA	11	95	97	99	99	0	88
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
12A	LIBERTY	0.20	LAA	11	96	98	99	99	0	95
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
13A	LIBERTY	0.26	LAA	11	98	98	99	99	0	95
	B»CALLISTO 4SC	0.094	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»COC	1.00	PMV	11						
	E»LIQUID AMS	5.00	PMV	11						
14A	LIBERTY	0.31	LAA	12	98	97	96	98	0	93
	B»LIQUID AMS	5.00	PMV	12						
15A	LIBERTY	0.36	LAA	12	98	97	96	97	0	97
	B»LIQUID AMS	5.00	PMV	12						

DATA MEAN

TITLE: Weed Control Systems in Liberty Link Corn SW - 1600

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMBTR	CHEAL	ABUTH	ZEAMD	SETFA
		RATE	UNIT		CON % 06/27/02	CON % 06/27/02	CON % 06/27/02	CON % 06/27/02	CON % 07/16/02	CON % 07/16/02
16A»	LIBERTY	0.42	LAA	12	97	97	96	99	0	92
	B»LIQUID AMS	5.00	PMV	12						
17A»	LIBERTY	0.31	LAA	12	97	99	98	99	0	96
	B»CALLISTO 4SC	0.031	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A»	LIBERTY	0.31	LAA	12	96	98	99	99	0	95
	B»CALLISTO 4SC	0.047	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
20A»	LIBERTY	0.31	LAA	12	98	99	99	99	0	96
	B»CALLISTO 4SC	0.063	LAA	12						
	C»LIQUID AMS	5.00	PMV	12						
21A»	LIBERTY	0.21	LAA	12	95	98	98	99	0	92
	B»CALLISTO 4SC	0.094	LAA	12						
	C»COC	1.00	PMV	12						
	D»LIQUID AMS	5.00	PMV	12						
22A»	LIBERTY	0.31	LAA	12	97	99	96	99	0	94
	B»DISTINCT 70WG	0.088	LAA	12						
	C 28% UAN	2.50	PMV	12						
		LSD (0.05)			3.15	3.11	2.65	4.15	0.00	5.88
		STANDARD DEVIATION			1.56	1.54	1.31	2.05	0.00	2.91

DATA MEAN

TITLE: Weed Control Systems in Liberty Link Corn SW - 1600

CREATED: 04/19/2002 REVISED: 11/06/2002

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMBTR	CHEAL	ABUTH	ZEAMD
		RATE	UNIT		CON % 07/16/02	CON % 07/16/02	CON % 07/16/02	10/26/02
1A	BALANCE PRO 4S	0.047	LAA 9		99	99	99	177.2
	B»LIBERTY	0.31	LAA 12					
	C ATRAZINE DF	0.50	LAA 12					
	D»LIQUID AMS	5.00	PMV 12					
2A	BALANCE PRO 4S	0.047	LAA 9		94	99	99	189.2
	B»OPTION 35WDG	0.033	LAA 12					
	C»MSO	1.00	PMV 12					
	D 28% UAN	2.50	PMV 12					
3A	DEFINE 60DF	0.45	LAA 9		95	98	99	185.3
	B»LIBERTY	0.31	LAA 12					
	C ATRAZINE DF	0.50	LAA 12					
	D»LIQUID AMS	5.00	PMV 12					
4A	AXIOM	0.43	LAA 9		96	99	97	183.7
	B»LIBERTY	0.31	LAA 12					
	C ATRAZINE DF	1.00	LAA 12					
	D»LIQUID AMS	5.00	PMV 12					
5A	LIBERTY	0.31	LAA 11		88	96	82	190.5
	B»LIQUID AMS	5.00	PMV 11					
6A	LIBERTY	0.31	LAA 11		92	99	80	188.3
	B»DEFINE 60DF	0.15	LAA 11					
	C»LIQUID AMS	5.00	PMV 11					
7A	LIBERTY	0.31	LAA 11		93	99	81	200.9
	B»DEFINE 60DF	0.225	LAA 11					
	C»LIQUID AMS	5.00	PMV 11					
8A	LIBERTY	0.31	LAA 11		93	99	84	209.4
	B»DEFINE 60DF	0.30	LAA 11					
	C»LIQUID AMS	5.00	PMV 11					
9A	LIBERTY ATZ 4.	1.35	LAA 11		93	99	92	192.4
	B»LIQUID AMS	5.00	PMV 11					
10A	LIBERTY	0.31	LAA 11		92	99	95	185.0
	B»DEFINE 60DF	0.15	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»LIQUID AMS	5.00	PMV 11					
11A	LIBERTY	0.13	LAA 11		93	99	95	195.8
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E»LIQUID AMS	5.00	PMV 11					
12A	LIBERTY	0.20	LAA 11		99	99	99	181.7
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E»LIQUID AMS	5.00	PMV 11					
13A	LIBERTY	0.26	LAA 11		96	99	98	192.0
	B»CALLISTO 4SC	0.094	LAA 11					
	C ATRAZINE DF	1.00	LAA 11					
	D»COC	1.00	PMV 11					
	E»LIQUID AMS	5.00	PMV 11					
14A	LIBERTY	0.31	LAA 12		91	86	90	156.4
	B»LIQUID AMS	5.00	PMV 12					
15A	LIBERTY	0.36	LAA 12		93	87	88	179.3
	B»LIQUID AMS	5.00	PMV 12					

DATA MEAN

TITLE: Weed Control Systems in Liberty Link Corn SW - 1600

TRT	TREATMENT	DOSAGE		AMBTR	CHEAL	ABUTH	ZEAMD
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	
			TM	07/16/02	07/16/02	07/16/02	10/26/02
16A»	LIBERTY	0.42	LAA 12	95	93	88	161.0
	B»LIQUID AMS	5.00	PMV 12				
17A»	LIBERTY	0.31	LAA 12	99	99	99	153.8
	B»CALLISTO 4SC	0.031	LAA 12				
	C»LIQUID AMS	5.00	PMV 12				
18A	CHECK	0.00	NA 0	0	0	0	49.5
19A»	LIBERTY	0.31	LAA 12	98	98	98	136.4
	B»CALLISTO 4SC	0.047	LAA 12				
	C»LIQUID AMS	5.00	PMV 12				
20A»	LIBERTY	0.31	LAA 12	99	98	99	168.4
	B»CALLISTO 4SC	0.063	LAA 12				
	C»LIQUID AMS	5.00	PMV 12				
21A»	LIBERTY	0.21	LAA 12	99	99	99	182.9
	B»CALLISTO 4SC	0.094	LAA 12				
	C»COC	1.00	PMV 12				
	D»LIQUID AMS	5.00	PMV 12				
22A»	LIBERTY	0.31	LAA 12	99	98	95	184.1
	B»DISTINCT 70WG	0.088	LAA 12				
	C 28% UAN	2.50	PMV 12				
		LSD (0.05)		6.00	4.24	6.86	33.21
		STANDARD DEVIATION		3.00	2.10	3.39	16.61

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 09 = ----- / PREEMERGENCE 05/07/2002 (1)
- 11 = ----- / EPOST 06/12/2002 (2)
- 12 = ----- / POST 06/18/2002 (3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
01	ZEAMD	CON %	06/20/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	06/20/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBTR	CON %	06/20/2002	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	06/20/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ABUTH	CON %	06/20/2002	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	06/27/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	06/27/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMBTR	CON %	06/27/2002	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	06/27/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	ABUTH	CON %	06/27/2002	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	ZEAMD	CON %	07/16/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	SETFA	CON %	07/16/2002	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	AMBTR	CON %	07/16/2002	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	CHEAL	CON %	07/16/2002	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	ABUTH	CON %	07/16/2002	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	ZEAMD		10/26/2002	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 35P17LL