

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.2
%OM: 6.0
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/01/01	05/15/01	05/29/01	AME
AIR TEMPERATURE	82	80	77	F
% REL. HUMIDITY	35	60	38	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	NORTH	
WIND SPEED	12.0	9.6	4.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	PARTCLDY	
DEW	DRY	DRY	DRY	
SOIL MOISTURE	DRY/DRY	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	FRIABLE	FRIABLE	FRIABLE	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	
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				
*** PEST ***				
RAGWEED, GIANT	NA/01 0.00/0.00	HGH/12 1.00/3.00	HGH/16 1.00/4.00	IN
LAMBSQUARTERS, C	NA/01 0.00/0.00	MED/10 0.50/0.50	MED/14 1.50/1.50	IN
FOXTAIL, GIANT	NA/01 0.00/0.00	HGH/12 0.50/0.50	HGH/15 2.00/2.00	IN
CORN, DENT SYNGENTA N4640BT 04/28/2001	NA/01 0.00/0.00	NA/12 3.00/3.00	NA/15 5.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
10 = ----- / VEPOST
11 = ----- / EPOST

* STAGE CODE

01 = BEGINNING OF IMBIBITION
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
12 = 2 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5 LEAVES UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Weed control systems in Liberty Link Corn SW-600

CREATED: 04/18/2001 REVISED: 08/09/2001

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Dekalb

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBTR	ZEAMD	SETFA	AMBTR
		RATE	UNIT	TM	CON % 05/15/01	CON % 05/15/01	CON % 05/15/01	CON % 05/29/01	CON % 05/29/01	CON % 05/29/01
1A»	AXIOM	0.81	LAA	9	0	99	0	0	90	92
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
2A»	DEFINE 60DF	0.60	LAA	9	0	99	0	0	94	93
	B»LIBERTY	0.26	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»LIQUID AMS	5.00	PMV	10						
3A	ATRAZINE DF	1.00	LAA	9	0	99	53	0	96	93
	B»DEFINE 60DF	0.60	LAA	10						
	C»LIBERTY	0.26	LAA	10						
	D ATRAZINE DF	0.80	LAA	10						
	E»LIQUID AMS	5.00	PMV	10						
4A»	AXIOM	0.43	LAA	9				0	89	57
	B ATRAZINE DF	1.00	LAA	9						
	C»LIBERTY	0.26	LAA	11						
	D ATRAZINE DF	0.80	LAA	11						
	E»LIQUID AMS	5.00	PMV	11						
5A»	DEFINE 60DF	0.33	LAA	9				0	86	65
	B ATRAZINE DF	1.00	LAA	9						
	C»LIBERTY	0.26	LAA	11						
	D ATRAZINE DF	0.80	LAA	11						
	E»LIQUID AMS	5.00	PMV	11						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	BALANCE PRO 4S	0.055	LAA	9				0	93	58
	B»LIBERTY	0.26	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
8A»	BALANCE PRO 4S	0.055	LAA	9				0	97	78
	B»LIBERTY	0.26	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
9A»	LIBERTY	0.26	LAA	11						
	B ATRAZINE DF	1.00	LAA	11						
	C»DEFINE 60DF	0.60	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
10A»	LIBERTY	0.26	LAA	11						
	B ATRAZINE DF	1.00	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
11A»	LIBERTY	0.26	LAA	11						
	B»LIQUID AMS	5.00	PMV	11						
12A»	LIBERTY	0.26	LAA	11						
	B»LIQUID AMS	5.00	PMV	11						
	C»LIBERTY	0.26	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
		LSD (0.05)			0.00	0.00	5.93	0.00	7.00	8.45
		STANDARD DEVIATION			0.00	0.00	2.84	0.00	3.35	4.05

DATA MEAN

TITLE: Weed control systems in Liberty Link Corn SW-600
 CREATED: 04/18/2001 REVISED: 08/09/2001 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	ZEAMD	ZEAMD	SETFA	AMBTR	CHEAL
		RATE	UNIT	TM	CON % 05/29/01	CON % 06/04/01	CON % 06/13/01	CON % 06/13/01	CON % 06/13/01	CON % 06/13/01
1A»	AXIOM	0.81	LAA	9	99	0	0	96	93	99
	B MARKSMAN SC	1.20	LAA	10						
	C»LIQUID AMS	2.50	PMV	10						
2A»	DEFINE 60DF	0.60	LAA	9	99	0	0	99	92	99
	B»LIBERTY	0.26	LAA	10						
	C ATRAZINE DF	1.00	LAA	10						
	D»LIQUID AMS	5.00	PMV	10						
3A	ATRAZINE DF	1.00	LAA	9	99	0	0	99	92	99
	B»DEFINE 60DF	0.60	LAA	10						
	C»LIBERTY	0.26	LAA	10						
	D ATRAZINE DF	0.80	LAA	10						
	E»LIQUID AMS	5.00	PMV	10						
4A»	AXIOM	0.43	LAA	9	96	0	0	99	98	99
	B ATRAZINE DF	1.00	LAA	9						
	C»LIBERTY	0.26	LAA	11						
	D ATRAZINE DF	0.80	LAA	11						
	E»LIQUID AMS	5.00	PMV	11						
5A»	DEFINE 60DF	0.33	LAA	9	90	0	0	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»LIBERTY	0.26	LAA	11						
	D ATRAZINE DF	0.80	LAA	11						
	E»LIQUID AMS	5.00	PMV	11						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	BALANCE PRO 4S	0.055	LAA	9	99	0	0	99	99	99
	B»LIBERTY	0.26	LAA	11						
	C ATRAZINE DF	1.00	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
8A»	BALANCE PRO 4S	0.055	LAA	9	99	0	0	99	95	99
	B»LIBERTY	0.26	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
9A»	LIBERTY	0.26	LAA	11		0	0	99	97	99
	B ATRAZINE DF	1.00	LAA	11						
	C»DEFINE 60DF	0.60	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
10A»	LIBERTY	0.26	LAA	11		0	0	99	99	99
	B ATRAZINE DF	1.00	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
11A»	LIBERTY	0.26	LAA	11		0	0	99	90	87
	B»LIQUID AMS	5.00	PMV	11						
12A»	LIBERTY	0.26	LAA	11		0	0			
	B»LIQUID AMS	5.00	PMV	11						
	C»LIBERTY	0.26	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
		LSD (0.05)			6.87	0.00	0.00	2.64	3.85	5.77
		STANDARD DEVIATION			3.29	0.00	0.00	1.26	1.85	2.77

DATA MEAN

TITLE: Weed control systems in Liberty Link Corn SW-600
 CREATED: 04/18/2001 REVISED: 08/09/2001 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Dekalb RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD	SETFA	AMBTR	CHEAL
		RATE	UNIT	TM	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01	CON % 06/28/01
1A	AXIOM	0.81	LAA	9	0	88	90	99
B	MARKSMAN SC	1.20	LAA	10				
C	LIQUID AMS	2.50	PMV	10				
2A	DEFINE 60DF	0.60	LAA	9	0	97	89	99
B	LIBERTY	0.26	LAA	10				
C	ATRAZINE DF	1.00	LAA	10				
D	LIQUID AMS	5.00	PMV	10				
3A	ATRAZINE DF	1.00	LAA	9	0	98	89	99
B	DEFINE 60DF	0.60	LAA	10				
C	LIBERTY	0.26	LAA	10				
D	ATRAZINE DF	0.80	LAA	10				
E	LIQUID AMS	5.00	PMV	10				
4A	AXIOM	0.43	LAA	9	0	98	94	99
B	ATRAZINE DF	1.00	LAA	9				
C	LIBERTY	0.26	LAA	11				
D	ATRAZINE DF	0.80	LAA	11				
E	LIQUID AMS	5.00	PMV	11				
5A	DEFINE 60DF	0.33	LAA	9	0	97	94	99
B	ATRAZINE DF	1.00	LAA	9				
C	LIBERTY	0.26	LAA	11				
D	ATRAZINE DF	0.80	LAA	11				
E	LIQUID AMS	5.00	PMV	11				
6A	CHECK	0.00	NA	0	0	0	0	0
7A	BALANCE PRO 4S	0.055	LAA	9	0	98	95	99
B	LIBERTY	0.26	LAA	11				
C	ATRAZINE DF	1.00	LAA	11				
D	LIQUID AMS	5.00	PMV	11				
8A	BALANCE PRO 4S	0.055	LAA	9	0	94	90	99
B	LIBERTY	0.26	LAA	11				
C	LIQUID AMS	5.00	PMV	11				
9A	LIBERTY	0.26	LAA	11	0	97	94	99
B	ATRAZINE DF	1.00	LAA	11				
C	DEFINE 60DF	0.60	LAA	11				
D	LIQUID AMS	5.00	PMV	11				
10A	LIBERTY	0.26	LAA	11	0	93	93	99
B	ATRAZINE DF	1.00	LAA	11				
C	LIQUID AMS	5.00	PMV	11				
11A	LIBERTY	0.26	LAA	11	0	84	82	60
B	LIQUID AMS	5.00	PMV	11				
12A	LIBERTY	0.26	LAA	11				
B	LIQUID AMS	5.00	PMV	11				
C	LIBERTY	0.26	LAA	11				
D	LIQUID AMS	5.00	PMV	11				
LSD (0.05)					0.00	9.05	5.26	2.57
STANDARD DEVIATION					0.00	4.34	2.52	1.23

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/01/2001(1)
 10 = ----- / VEPOST 05/15/2001(2)
 11 = ----- / EPOST 05/29/2001(3)

DATA MEAN

TITLE: Weed control systems in Liberty Link Corn SW-600

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	05/15/2001	01	P	ZEAMD	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	SETFA	CON %	05/15/2001	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBTR	CON %	05/15/2001	03	P	AMBTR	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	ZEAMD	CON %	05/29/2001	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	SETFA	CON %	05/29/2001	02	P	SETFA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMBTR	CON %	05/29/2001	03	P	AMBTR	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CHEAL	CON %	05/29/2001	04	P	CHEAL	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	ZEAMD	CON %	06/04/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ZEAMD	CON %	06/13/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	SETFA	CON %	06/13/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	AMBTR	CON %	06/13/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	CHEAL	CON %	06/13/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	ZEAMD	CON %	06/28/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	SETFA	CON %	06/28/2001	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	AMBTR	CON %	06/28/2001	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
16	CHEAL	CON %	06/28/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = SYNGENTA N4640BT LL

* STAGE CODE

12 = 2 LEAVES UNFOLDED

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

15 = 5 LEAVES UNFOLDED

16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED