

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 28 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/23/06	06/20/06	06/30/06	AME
AIR TEMPERATURE	71	78	71	F
% REL.HUMIDITY	28	48	59	
WIND DIRECTION	SOUTH	SOUTHEAST	SOUTH	
WIND SPEED	7.0	4.0	7.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	
DEW	---	NO	YES	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
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				
*** CROP ***				
SOYBEAN		---/15	---/16	
F37728LL		6.00/6.00	10.0/12.0	IN
05/22/2006				
*** PEST ***				
VELVETLEAF		---/15	---/15	
		3.00/4.00	3.00/6.00	IN
RAGWEED, GIANT		---/17	---/19	
		3.00/8.00	12.0/14.0	IN
LAMBSQUARTERS, C		---/19	---/19	
		2.00/4.00	1.50/5.00	IN
FOXTAIL, GIANT		---/17	---/12	
		6.00/8.00	1.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 17 = 7 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Liberty Link Soybean. SW-1500W
CREATED: 05/12/2006 **REVISED:** 08/18/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	ABUTH	AMBTR	CHEAL	GLXMA
		RATE	UNIT		CON % 06/20/06	CON % 06/20/06	CON % 06/20/06	CON % 06/20/06	CON % 06/20/06	10 DAT 06/30/06
1A»	AE F039866 2.3	0.40	LAA	12						0
B»	LIQUID AMS	2.50	PMV	12						
2A»	AE F039866 2.3	0.53	LAA	12						0
B»	LIQUID AMS	2.50	PMV	12						
3A»	AE F039866 2.3	0.78	LAA	12						0
B»	LIQUID AMS	2.50	PMV	12						
4A»	AE F039866 2.3	0.40	LAA	12						0
B»	LIQUID AMS	2.50	PMV	12						
C»	AE F039866 2.3	0.40	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
5A»	AE F039866 2.3	0.53	LAA	12						0
B»	LIQUID AMS	2.50	PMV	12						
C»	AE F039866 2.3	0.53	LAA	13						
D»	LIQUID AMS	2.50	PMV	13						
6A»	INTRRO 4EC	2.00	LAA	9	0	86	53	65	81	0
B»	AE F039866 2.3	0.40	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
7A	SENCOR 75WG	0.375	LAA	9	0	78	77	52	92	0
B»	AE F039866 2.3	0.40	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
8A	PROWL H2O 3.8	1.19	LAA	9	0	73	37	37	68	0
B»	AE F039866 2.3	0.40	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	BOUNDARY 6.5EC	1.22	LAA	9	0	87	80	73	92	0
B»	AE F039866 2.3	0.40	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
11A	CANOPY 75WG	0.14	LAA	9	0	72	73	70	90	0
B»	AE F039866 2.3	0.40	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
12A	VALOR 51WG	0.094	LAA	9	0	75	74	55	82	0
B»	AE F039866 2.3	0.40	LAA	12						
C»	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					0.00	7.94	14.65	23.28	10.14	0.00
STANDARD DEVIATION					0.00	3.64	6.72	10.68	4.65	0.00

TITLE: Weed Control Systems in Liberty Link Soybean. SW-1500W
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LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	ABUTH	AMBTR	CHEAL	GLXMA	SETFA
		RATE	UNIT		10 DAT 06/30/06	10 DAT 06/30/06	10 DAT 06/30/06	10 DAT 06/30/06	30 DAT 07/18/06	30 DAT 07/18/06
1A	AE F039866 2.3	0.40	LAA	12	93	65	76	65	0	75
B	LIQUID AMS	2.50	PMV	12						
2A	AE F039866 2.3	0.53	LAA	12	95	79	90	67	0	80
B	LIQUID AMS	2.50	PMV	12						
3A	AE F039866 2.3	0.78	LAA	12	96	89	91	75	0	91
B	LIQUID AMS	2.50	PMV	12						
4A	AE F039866 2.3	0.40	LAA	12	92	77	78	68	0	95
B	LIQUID AMS	2.50	PMV	12						
C	AE F039866 2.3	0.40	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
5A	AE F039866 2.3	0.53	LAA	12	96	77	89	77	0	97
B	LIQUID AMS	2.50	PMV	12						
C	AE F039866 2.3	0.53	LAA	13						
D	LIQUID AMS	2.50	PMV	13						
6A	INTRRO 4EC	2.00	LAA	9	96	77	85	83	0	91
B	AE F039866 2.3	0.40	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	SENCOR 75WG	0.375	LAA	9	93	92	83	94	0	86
B	AE F039866 2.3	0.40	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	PROWL H2O 3.8	1.19	LAA	9	93	78	78	72	0	80
B	AE F039866 2.3	0.40	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	BOUNDARY 6.5EC	1.22	LAA	9	94	84	83	96	0	87
B	AE F039866 2.3	0.40	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	CANOPY 75WG	0.14	LAA	9	92	88	90	93	0	79
B	AE F039866 2.3	0.40	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	VALOR 51WG	0.094	LAA	9	94	91	81	85	0	79
B	AE F039866 2.3	0.40	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
LSD (0.05)					3.92	6.52	10.08	9.93	0.00	6.65
STANDARD DEVIATION					1.89	3.14	4.86	4.79	0.00	3.21

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LOCATION: Dekalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 28.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	ABUTH	AMBTR	CHEAL	
NUM	COMPONENT	RATE	30 DAT	30 DAT	30 DAT	
		UNIT	07/18/06	07/18/06	07/18/06	
1A	AE F039866 2.3	0.40	LAA 12	45	53	50
B	LIQUID AMS	2.50	PMV 12			
2A	AE F039866 2.3	0.53	LAA 12	57	60	50
B	LIQUID AMS	2.50	PMV 12			
3A	AE F039866 2.3	0.78	LAA 12	70	78	57
B	LIQUID AMS	2.50	PMV 12			
4A	AE F039866 2.3	0.40	LAA 12	95	96	85
B	LIQUID AMS	2.50	PMV 12			
C	AE F039866 2.3	0.40	LAA 13			
D	LIQUID AMS	2.50	PMV 13			
5A	AE F039866 2.3	0.53	LAA 12	97	99	94
B	LIQUID AMS	2.50	PMV 12			
C	AE F039866 2.3	0.53	LAA 13			
D	LIQUID AMS	2.50	PMV 13			
6A	INTRRO 4EC	2.00	LAA 9	50	70	73
B	AE F039866 2.3	0.40	LAA 12			
C	LIQUID AMS	2.50	PMV 12			
7A	SENCOR 75WG	0.375	LAA 9	83	55	90
B	AE F039866 2.3	0.40	LAA 12			
C	LIQUID AMS	2.50	PMV 12			
8A	PROWL H2O 3.8	1.19	LAA 9	55	58	58
B	AE F039866 2.3	0.40	LAA 12			
C	LIQUID AMS	2.50	PMV 12			
9A	CHECK	0.00	NA 0	0	0	0
10A	BOUNDARY 6.5EC	1.22	LAA 9	68	55	83
B	AE F039866 2.3	0.40	LAA 12			
C	LIQUID AMS	2.50	PMV 12			
11A	CANOPY 75WG	0.14	LAA 9	74	78	91
B	AE F039866 2.3	0.40	LAA 12			
C	LIQUID AMS	2.50	PMV 12			
12A	VALOR 51WG	0.094	LAA 9	75	58	73
B	AE F039866 2.3	0.40	LAA 12			
C	LIQUID AMS	2.50	PMV 12			
			LSL (0.05)	9.69	19.00	13.82
			STANDARD DEVIATION	4.67	9.17	6.66

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/23/2006(1)
 12 = ----- / POST 06/20/2006(2)
 13 = ----- / LPOST 06/30/2006(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRRT	SS	NOTE
001	GLXMA	CON %	06/20/2006	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/20/2006	02	P	SETFA	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/20/2006	03	P	ABUTH	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBTR	CON %	06/20/2006	04	P	AMBTR	17	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/20/2006	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	10 DAT	06/30/2006	01	P	GLXMA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	10 DAT	06/30/2006	02	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	10 DAT	06/30/2006	03	P	ABUTH	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in Liberty Link Soybean. SW-1500W

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
009	AMBTR	10 DAT	06/30/2006	04	P	AMBTR	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/30/2006	05	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	30 DAT	07/18/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	30 DAT	07/18/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	30 DAT	07/18/2006	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBTR	30 DAT	07/18/2006	04	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	30 DAT	07/18/2006	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = F37728LL

* STAGE CODE

12 = 2 LEAVES UNFOLDED

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES

17 = 7 LEAVES UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED