

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
PH: 6.1
%OM: 5.5
PREV.CROP: ZEAMD - CORN, DENT
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/23/06	06/12/06	06/19/06	06/28/06	AME
AIR TEMPERATURE	80	66	82	82	F
% REL.HUMIDITY	30	30	40	40	
WIND DIRECTION	NORTHEAST	NORTHWEST	WEST	NORTHWEST	
WIND SPEED	2.0	4.0	5.0	5.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN		---/13	---/14	---/16	
L 3733SL		4.00/4.00	6.00/6.00	12.0/12.0	IN
*** PEST ***					
VELVETLEAF		---/11	---/14	---/16	
		1.00/2.00	2.00/4.00	4.00/6.00	IN
PIGWEEED, SMOOTH		---/18	---/19	---/19	
		1.00/3.00	4.00/8.00	4.00/14.0	IN
LAMBSQUARTERS, C		---/18	---/19	---/19	
		1.00/1.00	3.00/6.00	4.00/12.0	IN
MORNINGGLORY, TA		---/13	---/19	---/19	
		1.00/2.00	2.00/4.00	4.00/6.00	IN
FOXTAIL, GIANT		---/12	---/15	---/18	
		1.00/3.00	4.00/6.00	2.00/12.0	IN

* TIMING CODES

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

* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
15 = 5 LEAVES UNFOLDED
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Liberty Link Soybean. AS-400
CREATED: 05/03/2006 **REVISED:** 08/29/2006 **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	CHEAL	ABUTH	PHBPU
NUM	COMPONENT		RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
						06/09/06	06/09/06	06/09/06	06/09/06	06/09/06
1A»	AE F039866	2.3	0.40	LAA	11	0				
B»	LIQUID AMS		2.50	PMV	11					
2A»	AE F039866	2.3	0.40	LAA	12	0				
B»	LIQUID AMS		2.50	PMV	12					
3A»	AE F039866	2.3	0.53	LAA	12	0				
B»	LIQUID AMS		2.50	PMV	12					
4A»	AE F039866	2.3	0.78	LAA	12	0				
B»	LIQUID AMS		2.50	PMV	12					
5A»	AE F039866	2.3	0.40	LAA	11	0				
B»	LIQUID AMS		2.50	PMV	11					
C»	AE F039866	2.3	0.40	LAA	12					
D»	LIQUID AMS		2.50	PMV	12					
6A»	AE F039866	2.3	0.40	LAA	11	0				
B»	LIQUID AMS		2.50	PMV	11					
C»	AE F039866	2.3	0.40	LAA	12					
D»	LIQUID AMS		2.50	PMV	12					
E»	AE F039866	2.3	0.40	LAA	13					
F»	LIQUID AMS		2.50	PMV	13					
7A»	AE F039866	2.3	0.40	LAA	11	0				
B»	LIQUID AMS		2.50	PMV	11					
C»	AE F039866	2.3	0.53	LAA	12					
D»	LIQUID AMS		2.50	PMV	12					
8A»	AE F039866	2.3	0.53	LAA	11	0				
B»	LIQUID AMS		2.50	PMV	11					
C»	AE F039866	2.3	0.40	LAA	12					
D»	LIQUID AMS		2.50	PMV	12					
9A»	INTRRO 4EC		2.00	LAA	9	6	96	98	98	43
B»	AE F039866	2.3	0.40	LAA	12					50
C»	LIQUID AMS		2.50	PMV	12					
10A	SENCOR 75WG		0.375	LAA	9	0	65	84	88	37
B»	AE F039866	2.3	0.40	LAA	12					45
C»	LIQUID AMS		2.50	PMV	12					
11A	PROWL H2O 3.8		1.19	LAA	9	0	79	83	89	50
B»	AE F039866	2.3	0.40	LAA	12					47
C»	LIQUID AMS		2.50	PMV	12					
12A	CHECK		0.00	NA	0	0	0	0	0	0
13A	BOUNDARY 6.5EC		1.22	LAA	9	0	98	99	99	60
B»	AE F039866	2.3	0.40	LAA	12					53
C»	LIQUID AMS		2.50	PMV	12					
14A	CANOPY 75WG		0.14	LAA	9	0	50	84	93	47
B»	AE F039866	2.3	0.40	LAA	12					43
C»	LIQUID AMS		2.50	PMV	12					
15A	VALOR 51WG		0.094	LAA	9	0	96	98	98	93
B»	AE F039866	2.3	0.40	LAA	12					83
C»	LIQUID AMS		2.50	PMV	12					
16A	CLASSIC 25WG		0.015	LAA	9	0	33	50	92	37
B»	HARMONY GT 50W		0.005	LAA	9					43
C»	AE F039866	2.3	0.40	LAA	12					
D»	LIQUID AMS		2.50	PMV	12					
LSD (0.05)						0.481	9.42	17.24	8.60	10.68
STANDARD DEVIATION						0.236	4.39	8.00	4.00	5.00
										7.10

TITLE: Weed Control Systems in Liberty Link Soybean. AS-400
CREATED: 05/03/2006 **REVISED:** 08/29/2006 **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	CHEAL	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	10 DAT	10 DAT	10 DAT	10 DAT	10 DAT
			TM	06/22/06	06/22/06	06/22/06	06/22/06	06/22/06
1A»AE	F039866 2.3	0.40	LAA 11	3	95	93	86	99
B»LIQUID	AMS	2.50	PMV 11					95
2A»AE	F039866 2.3	0.40	LAA 12	0	99	97	96	99
B»LIQUID	AMS	2.50	PMV 12					98
3A»AE	F039866 2.3	0.53	LAA 12	1	99	96	97	99
B»LIQUID	AMS	2.50	PMV 12					98
4A»AE	F039866 2.3	0.78	LAA 12	1	99	98	97	99
B»LIQUID	AMS	2.50	PMV 12					98
5A»AE	F039866 2.3	0.40	LAA 11	3	96	90	87	99
B»LIQUID	AMS	2.50	PMV 11					95
C»AE	F039866 2.3	0.40	LAA 12					
D»LIQUID	AMS	2.50	PMV 12					
6A»AE	F039866 2.3	0.40	LAA 11	2	96	90	85	99
B»LIQUID	AMS	2.50	PMV 11					94
C»AE	F039866 2.3	0.40	LAA 12					
D»LIQUID	AMS	2.50	PMV 12					
E»AE	F039866 2.3	0.40	LAA 13					
F»LIQUID	AMS	2.50	PMV 13					
7A»AE	F039866 2.3	0.40	LAA 11	3	96	89	88	99
B»LIQUID	AMS	2.50	PMV 11					95
C»AE	F039866 2.3	0.53	LAA 12					
D»LIQUID	AMS	2.50	PMV 12					
8A»AE	F039866 2.3	0.53	LAA 11	2	97	94	89	99
B»LIQUID	AMS	2.50	PMV 11					96
C»AE	F039866 2.3	0.40	LAA 12					
D»LIQUID	AMS	2.50	PMV 12					
9A»INTRRO	4EC	2.00	LAA 9	0	99	99	98	99
B»AE	F039866 2.3	0.40	LAA 12					98
C»LIQUID	AMS	2.50	PMV 12					
10A	SENCOR 75WG	0.375	LAA 9	0	99	99	99	99
B»AE	F039866 2.3	0.40	LAA 12					
C»LIQUID	AMS	2.50	PMV 12					
11A	PROWL H2O 3.8	1.19	LAA 9	0	99	97	97	99
B»AE	F039866 2.3	0.40	LAA 12					98
C»LIQUID	AMS	2.50	PMV 12					
12A	CHECK	0.00	NA 0	0	0	0	0	0
13A	BOUNDARY 6.5EC	1.22	LAA 9	0	99	99	99	99
B»AE	F039866 2.3	0.40	LAA 12					97
C»LIQUID	AMS	2.50	PMV 12					
14A	CANOPY 75WG	0.14	LAA 9	0	99	98	99	99
B»AE	F039866 2.3	0.40	LAA 12					98
C»LIQUID	AMS	2.50	PMV 12					
15A	VALOR 51WG	0.094	LAA 9	0	99	99	99	99
B»AE	F039866 2.3	0.40	LAA 12					
C»LIQUID	AMS	2.50	PMV 12					
16A	CLASSIC 25WG	0.015	LAA 9	0	99	98	98	99
B»HARMONY	GT 50W	0.005	LAA 9					98
C»AE	F039866 2.3	0.40	LAA 12					
D»LIQUID	AMS	2.50	PMV 12					
LSD (0.05)				1.46	1.47	2.91	3.50	0.00
STANDARD DEVIATION				0.713	0.72	1.43	1.71	0.00
								2.09
								1.00

TITLE: Weed Control Systems in Liberty Link Soybean. AS-400
CREATED: 05/03/2006 **REVISED:** 08/29/2006 **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	CHEAL	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	30 DAT	30 DAT	30 DAT	30 DAT
					07/21/06	07/21/06	07/21/06	07/21/06
1A»	AE F039866 2.3	0.40	LAA	11	0	96	97	95
B»	LIQUID AMS	2.50	PMV	11				99
2A»	AE F039866 2.3	0.40	LAA	12	0	97	93	93
B»	LIQUID AMS	2.50	PMV	12				99
3A»	AE F039866 2.3	0.53	LAA	12	0	98	94	94
B»	LIQUID AMS	2.50	PMV	12				99
4A»	AE F039866 2.3	0.78	LAA	12	0	99	98	97
B»	LIQUID AMS	2.50	PMV	12				99
5A»	AE F039866 2.3	0.40	LAA	11	0	99	99	99
B»	LIQUID AMS	2.50	PMV	11				99
C»	AE F039866 2.3	0.40	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
6A»	AE F039866 2.3	0.40	LAA	11	0	99	99	99
B»	LIQUID AMS	2.50	PMV	11				99
C»	AE F039866 2.3	0.40	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
E»	AE F039866 2.3	0.40	LAA	13				
F»	LIQUID AMS	2.50	PMV	13				
7A»	AE F039866 2.3	0.40	LAA	11	0	99	99	99
B»	LIQUID AMS	2.50	PMV	11				99
C»	AE F039866 2.3	0.53	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
8A»	AE F039866 2.3	0.53	LAA	11	0	99	99	99
B»	LIQUID AMS	2.50	PMV	11				99
C»	AE F039866 2.3	0.40	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
9A»	INTRRO 4EC	2.00	LAA	9	0	98	99	98
B»	AE F039866 2.3	0.40	LAA	12				99
C»	LIQUID AMS	2.50	PMV	12				
10A	SENCOR 75WG	0.375	LAA	9	0	93	99	99
B»	AE F039866 2.3	0.40	LAA	12				95
C»	LIQUID AMS	2.50	PMV	12				
11A	PROWL H2O 3.8	1.19	LAA	9	0	99	99	99
B»	AE F039866 2.3	0.40	LAA	12				96
C»	LIQUID AMS	2.50	PMV	12				
12A	CHECK	0.00	NA	0	0	0	0	0
13A	BOUNDARY 6.5EC	1.22	LAA	9	0	99	99	99
B»	AE F039866 2.3	0.40	LAA	12				97
C»	LIQUID AMS	2.50	PMV	12				
14A	CANOPY 75WG	0.14	LAA	9	0	96	99	99
B»	AE F039866 2.3	0.40	LAA	12				99
C»	LIQUID AMS	2.50	PMV	12				
15A	VALOR 51WG	0.094	LAA	9	0	99	99	99
B»	AE F039866 2.3	0.40	LAA	12				99
C»	LIQUID AMS	2.50	PMV	12				
16A	CLASSIC 25WG	0.015	LAA	9	0	99	99	99
B»	HARMONY GT 50W	0.005	LAA	9				
C»	AE F039866 2.3	0.40	LAA	12				
D»	LIQUID AMS	2.50	PMV	12				
LSD (0.05)					0.00	1.34	1.91	1.31
STANDARD DEVIATION					0.00	0.655	0.936	0.64
								0.00
								1.15
								0.565

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/23/2006(1)
 11 = ----- / EPOST 06/12/2006(2)
 12 = ----- / POST 06/19/2006(3)
 13 = ----- / LPOST 06/28/2006(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/09/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/09/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMACH	CON %	06/09/2006	03	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/09/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/09/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/09/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	10 DAT	06/22/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	10 DAT	06/22/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMACH	10 DAT	06/22/2006	03	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	10 DAT	06/22/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	10 DAT	06/22/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	10 DAT	06/22/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	30 DAT	07/21/2006	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	30 DAT	07/21/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMACH	30 DAT	07/21/2006	03	P	AMACH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	CHEAL	30 DAT	07/21/2006	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ABUTH	30 DAT	07/21/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	30 DAT	07/21/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = L 3733SL