

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
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	13	
TYPE	LIQUID MI	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/22/15	06/17/15	07/13/15	AME
AIR TEMPERATURE	77	82	88	F
% REL.HUMIDITY	45	77	61	
WIND DIRECTION	NORTHEAST	SOUTHWEST	SOUTHWEST	
WIND SPEED	1.0	6.0	6.0	M/H
CLOUD COVER	PAR.CLOUD	CLOUDY~6	PAR.CLOUD	
DEW	NO	YES	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	TO BE SEL	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY 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	TO BE SEL	TO BE SEL	TO BE SEL	
FOLIAGE HEIGHT				FT
FOLIAGE WIDTH				FT
ROW WIDTH				FT
SPRAY VOL LWA/TRV				
S VOL LWA/TRV UNIT				
LEAF WALL AREA				M2H
TREE ROW VOLUME				M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *				
P, SOYBEAN		---/14	---/61	
CZ3233LL		6.00/6.00	24.0/28.0	IN
(PLANTED) 07/13/2015		-26 DAP	0 DAP	
PEST *				
P, VELVETLEAF		---/12 1.00/2.00	---/00 0.00/0.00	IN
P, WATERHEMP, COMMO		---/18 1.00/4.00	---/00 0.00/0.00	IN
P, LAMBSQUARTERS, C		---/15 1.00/1.00	---/00 0.00/0.00	IN
P, MORNINGGLORY, TA		---/12 1.00/2.00	---/12 1.00/2.00	IN
P, FOXTAIL, GIANT		---/14 1.00/5.00	---/11 1.00/2.00	IN
P, COCKLEBUR, COMMO		---/13 1.00/5.00	---/00 0.00/0.00	IN

*** TIMING CODES**

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

*** STAGE CODE**

00 = DRY SEED; DORMANCY
11 = FIRST LEAF UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
14 = 4 LEAVES UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
61 = 10% OF FLOWERS OPEN (DETERMINATE); BEGINNING OF FLOWERING (INDETERM.)

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

CREATED: 04/26/2015 REVISED: 10/22/2015

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/17/15	06/17/15	06/17/15	06/17/15	06/17/15	06/17/15
1A»	AUTHOR. FIRST	0.28	LAA 9	0	78	99	89	93	89
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
2A»	FIERCE 76WG	0.166	LAA 9	0	97	99	99	98	73
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
3A»	VALOR XLT 40WG	3.50	OMA 0	0	72	99	99	91	68
B	VALOR 51WG	0.064	LAA 9						
C	CLASSIC 25WG	0.023	LAA 9						
D»	LIBERTY 2.34L	0.53	LAA 11						
E»	ZIDUA 85WG	0.106	LAA 11						
F»	LIQUID AMS	2.50	PMV 11						
G»	LIBERTY 2.34L	0.53	LAA 13						
H»	LIQUID AMS	2.50	PMV 13						
4A»	LIBERTY 2.34L	0.53	LAA 11	0	C	C	C	C	C
B»	PREFIX 5.32SL	1.33	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	WARRANT 3L	1.125	LAA 13						
F»	LIQUID AMS	2.50	PMV 13						
5A»	OPTILL 68WG	0.085	LAA 9	0	93	99	99	99	82
B	OUTLOOK 6EC	0.47	LAA 9						
C»	LIBERTY 2.34L	0.53	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
E»	LIBERTY 2.34L	0.53	LAA 13						
F»	LIQUID AMS	2.50	PMV 13						
6A»	AUTHOR. ELITE	1.75	LAA 9	0	99	99	99	97	87
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
7A»	SATELLITE 3.8L	0.71	LAA 9	0	82	82	52	23	17
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
8A»	SATELLITE 3.8L	0.71	LAA 9	0	75	82	53	23	17
B»	INTERLINE 2.34	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A»	ENLITE 47.86WG	3.00	OMA 0	0	74	99	95	82	62
B	VALOR 51WG	0.0678	LAA 9						
C	CLASSIC 25WG	0.0054	LAA 9						
D»	HARMONY GT 50W	0.0165	LAA 9						
E»	LIBERTY 2.34L	0.53	LAA 11						
F»	LIQUID AMS	2.50	PMV 11						
G»	LIBERTY 2.34L	0.53	LAA 13						
H»	LIQUID AMS	2.50	PMV 13						
10A»	SURVEIL 48WG	0.108	LAA 9	0	97	99	99	99	88
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
11A	DUAL MAGNUM	0.95	LAA 9	0	96	99	99	99	83
B»	AUTHOR. MAXX 6	0.21	LAA 9						
C»	LIBERTY 2.34L	0.53	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
E»	LIBERTY 2.34L	0.53	LAA 13						

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

TRT	TREATMENT	DOSAGE	GLXMA	SETFA	CHEAL	AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/17/15	06/17/15	06/17/15	06/17/15
	F»LIQUID AMS	2.50	PMV	13				
12A»	ENVIVE 41.3SG	4.00	OMA	0	0	78	99	99
	B VALOR 51WG	0.073	LAA	9				83
	C CLASSIC 25WG	0.024	LAA	9				65
	D»HARMONY GT 50W	0.007	LAA	9				
	E»LIBERTY 2.34L	0.53	LAA	11				
	F OUTLOOK 6EC	0.656	LAA	11				
	G»LIQUID AMS	2.50	PMV	11				
	H»LIBERTY 2.34L	0.53	LAA	13				
	I»LIQUID AMS	2.50	PMV	13				
13A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C
	B OUTLOOK 6EC	0.656	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
	D»LIBERTY 2.34L	0.53	LAA	13				
	E»WARRANT 3L	1.125	LAA	13				
	F»LIQUID AMS	2.50	PMV	13				
14A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C
	B OUTLOOK 6EC	0.656	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
	D»LIBERTY 2.34L	0.53	LAA	13				
	E DUAL MAGNUM	0.95	LAA	13				
	F»LIQUID AMS	2.50	PMV	13				
15A	CHECK	0.00	NA	0	0	0	0	0
16A»	CHEETAH MAX 3L	0.75	LAA	11	C	C	C	C
	B»LIQUID AMS	2.50	PMV	11				
17A»	CHEETAH 2.34L	0.53	LAA	11	C	C	C	C
	B»LIQUID AMS	2.50	PMV	11				
18A»	CHEETAH MAX 3L	0.75	LAA	11	C	C	C	C
	B DUAL MAGNUM	0.95	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
19A»	CHEETAH 2.34L	0.53	LAA	11	C	C	C	C
	B DUAL MAGNUM	0.95	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
20A»	CHEETAH 2.34L	0.53	LAA	11	C	C	C	C
	B DUAL MAGNUM	1.27	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
LSD (0.05)					0.00	7.48	4.00	6.84
STANDARD DEVIATION					0.00	3.70	2.00	3.38
								4.48
								2.21
								8.39
								4.15

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

CREATED: 04/26/2015 REVISED: 10/22/2015

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE			XANST	GLXMA	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %	CON %
					06/17/15	06/29/15	06/29/15	06/29/15	06/29/15	06/29/15
1A»	AUTHOR. FIRST	0.28	LAA	9	82	0	99	99	99	99
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	LIBERTY 2.34L	0.53	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
2A»	FIERCE 76WG	0.166	LAA	9	72	0	99	99	99	99
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	LIBERTY 2.34L	0.53	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
3A»	VALOR XLT 40WG	3.50	OMA	0	60	0	99	99	99	99
B	VALOR 51WG	0.064	LAA	9						
C	CLASSIC 25WG	0.023	LAA	9						
D»	LIBERTY 2.34L	0.53	LAA	11						
E»	ZIDUA 85WG	0.106	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						
G»	LIBERTY 2.34L	0.53	LAA	13						
H»	LIQUID AMS	2.50	PMV	13						
4A»	LIBERTY 2.34L	0.53	LAA	11	C	19	99	99	99	99
B»	PREFIX 5.32SL	1.33	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	LIBERTY 2.34L	0.53	LAA	13						
E»	WARRANT 3L	1.125	LAA	13						
F»	LIQUID AMS	2.50	PMV	13						
5A»	OPTILL 68WG	0.085	LAA	9	75	0	99	99	99	99
B	OUTLOOK 6EC	0.47	LAA	9						
C»	LIBERTY 2.34L	0.53	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
E»	LIBERTY 2.34L	0.53	LAA	13						
F»	LIQUID AMS	2.50	PMV	13						
6A»	AUTHOR. ELITE	1.75	LAA	9	82	0	99	99	99	99
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	LIBERTY 2.34L	0.53	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
7A»	SATELLITE 3.8L	0.71	LAA	9	17	0	99	99	98	99
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
8A»	SATELLITE 3.8L	0.71	LAA	9	17	0	99	99	99	99
B»	INTERLINE 2.34	0.53	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
9A»	ENLITE 47.86WG	3.00	OMA	0	60	0	99	99	99	99
B	VALOR 51WG	0.0678	LAA	9						
C	CLASSIC 25WG	0.0054	LAA	9						
D»	HARMONY GT 50W	0.0165	LAA	9						
E»	LIBERTY 2.34L	0.53	LAA	11						
F»	LIQUID AMS	2.50	PMV	11						
G»	LIBERTY 2.34L	0.53	LAA	13						
H»	LIQUID AMS	2.50	PMV	13						
10A»	SURVEIL 48WG	0.108	LAA	9	87	0	99	99	99	99
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	2.50	PMV	11						
D»	LIBERTY 2.34L	0.53	LAA	13						
E»	LIQUID AMS	2.50	PMV	13						
11A	DUAL MAGNUM	0.95	LAA	9	80	0	99	99	99	99
B»	AUTHOR. MAXX 6	0.21	LAA	9						
C»	LIBERTY 2.34L	0.53	LAA	11						
D»	LIQUID AMS	2.50	PMV	11						
E»	LIBERTY 2.34L	0.53	LAA	13						

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

TRT	TREATMENT	DOSAGE		XANST	GLXMA	SETFA	CHEAL	AMATA	ABUTH
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/17/15	06/29/15	06/29/15	06/29/15	06/29/15	06/29/15
	F»LIQUID AMS	2.50	PMV 13						
12A»	ENVIVE 41.3SG	4.00	OMA 0	63	1	99	99	99	99
	B VALOR 51WG	0.073	LAA 9						
	C CLASSIC 25WG	0.024	LAA 9						
	D»HARMONY GT 50W	0.007	LAA 9						
	E»LIBERTY 2.34L	0.53	LAA 11						
	F OUTLOOK 6EC	0.656	LAA 11						
	G»LIQUID AMS	2.50	PMV 11						
	H»LIBERTY 2.34L	0.53	LAA 13						
	I»LIQUID AMS	2.50	PMV 13						
13A»	LIBERTY 2.34L	0.53	LAA 11	C	0	99	99	99	99
	B OUTLOOK 6EC	0.656	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
	D»LIBERTY 2.34L	0.53	LAA 13						
	E»WARRANT 3L	1.125	LAA 13						
	F»LIQUID AMS	2.50	PMV 13						
14A»	LIBERTY 2.34L	0.53	LAA 11	C	1	99	99	99	99
	B OUTLOOK 6EC	0.656	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
	D»LIBERTY 2.34L	0.53	LAA 13						
	E DUAL MAGNUM	0.95	LAA 13						
	F»LIQUID AMS	2.50	PMV 13						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A»	CHEETAH MAX 3L	0.75	LAA 11	C	4	99	99	99	99
	B»LIQUID AMS	2.50	PMV 11						
17A»	CHEETAH 2.34L	0.53	LAA 11	C	0	98	99	95	99
	B»LIQUID AMS	2.50	PMV 11						
18A»	CHEETAH MAX 3L	0.75	LAA 11	C	12	99	99	99	99
	B DUAL MAGNUM	0.95	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
19A»	CHEETAH 2.34L	0.53	LAA 11	C	2	99	99	99	99
	B DUAL MAGNUM	0.95	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
20A»	CHEETAH 2.34L	0.53	LAA 11	C	5	99	99	98	99
	B DUAL MAGNUM	1.27	LAA 11						
	C»LIQUID AMS	2.50	PMV 11						
LSD (0.05)				7.60	2.12	0.213	0.00	0.929	0.00
STANDARD DEVIATION				3.76	1.05	0.105	0.00	0.459	0.00

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

CREATED: 04/26/2015 REVISED: 10/22/2015

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		PHBPU	XANST	GLXMA	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/29/15	06/29/15	07/12/15	07/12/15	07/12/15	07/12/15
1A»	AUTHOR. FIRST	0.28	LAA 9	99	99	0	99	99	99
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
2A»	FIERCE 76WG	0.166	LAA 9	99	99	0	99	99	99
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
3A»	VALOR XLT 40WG	3.50	OMA 0	98	99	0	99	99	99
B	VALOR 51WG	0.064	LAA 9						
C	CLASSIC 25WG	0.023	LAA 9						
D»	LIBERTY 2.34L	0.53	LAA 11						
E»	ZIDUA 85WG	0.106	LAA 11						
F»	LIQUID AMS	2.50	PMV 11						
G»	LIBERTY 2.34L	0.53	LAA 13						
H»	LIQUID AMS	2.50	PMV 13						
4A»	LIBERTY 2.34L	0.53	LAA 11	99	99	10	99	99	99
B»	PREFIX 5.32SL	1.33	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	WARRANT 3L	1.125	LAA 13						
F»	LIQUID AMS	2.50	PMV 13						
5A»	OPTILL 68WG	0.085	LAA 9	97	99	0	99	99	99
B	OUTLOOK 6EC	0.47	LAA 9						
C»	LIBERTY 2.34L	0.53	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
E»	LIBERTY 2.34L	0.53	LAA 13						
F»	LIQUID AMS	2.50	PMV 13						
6A»	AUTHOR. ELITE	1.75	LAA 9	99	99	0	99	99	99
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
7A»	SATELLITE 3.8L	0.71	LAA 9	97	99	0	99	99	98
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
8A»	SATELLITE 3.8L	0.71	LAA 9	99	99	0	98	99	98
B»	INTERLINE 2.34	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
9A»	ENLITE 47.86WG	3.00	OMA 0	98	99	0	98	99	99
B	VALOR 51WG	0.0678	LAA 9						
C	CLASSIC 25WG	0.0054	LAA 9						
D»	HARMONY GT 50W	0.0165	LAA 9						
E»	LIBERTY 2.34L	0.53	LAA 11						
F»	LIQUID AMS	2.50	PMV 11						
G»	LIBERTY 2.34L	0.53	LAA 13						
H»	LIQUID AMS	2.50	PMV 13						
10A»	SURVEIL 48WG	0.108	LAA 9	99	99	0	99	99	99
B»	LIBERTY 2.34L	0.53	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
D»	LIBERTY 2.34L	0.53	LAA 13						
E»	LIQUID AMS	2.50	PMV 13						
11A	DUAL MAGNUM	0.95	LAA 9	99	99	0	99	99	99
B»	AUTHOR. MAXX 6	0.21	LAA 9						
C»	LIBERTY 2.34L	0.53	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
E»	LIBERTY 2.34L	0.53	LAA 13						

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

TRT	TREATMENT	DOSAGE	PHBPU	XANST	GLXMA	SETFA	CHEAL	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/29/15	06/29/15	07/12/15	07/12/15
F»	LIQUID AMS	2.50	PMV	13				
12A»	ENVIVE 41.3SG	4.00	OMA	0	99	99	0	99
B	VALOR 51WG	0.073	LAA	9				
C	CLASSIC 25WG	0.024	LAA	9				
D»	HARMONY GT 50W	0.007	LAA	9				
E»	LIBERTY 2.34L	0.53	LAA	11				
F	OUTLOOK 6EC	0.656	LAA	11				
G»	LIQUID AMS	2.50	PMV	11				
H»	LIBERTY 2.34L	0.53	LAA	13				
I»	LIQUID AMS	2.50	PMV	13				
13A»	LIBERTY 2.34L	0.53	LAA	11	98	99	0	99
B	OUTLOOK 6EC	0.656	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	LIBERTY 2.34L	0.53	LAA	13				
E»	WARRANT 3L	1.125	LAA	13				
F»	LIQUID AMS	2.50	PMV	13				
14A»	LIBERTY 2.34L	0.53	LAA	11	98	99	0	99
B	OUTLOOK 6EC	0.656	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	LIBERTY 2.34L	0.53	LAA	13				
E	DUAL MAGNUM	0.95	LAA	13				
F»	LIQUID AMS	2.50	PMV	13				
15A	CHECK	0.00	NA	0	0	0	0	0
16A»	CHEETAH MAX 3L	0.75	LAA	11	99	99	0	98
B»	LIQUID AMS	2.50	PMV	11				
17A»	CHEETAH 2.34L	0.53	LAA	11	97	97	0	97
B»	LIQUID AMS	2.50	PMV	11				
18A»	CHEETAH MAX 3L	0.75	LAA	11	99	99	4	99
B	DUAL MAGNUM	0.95	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
19A»	CHEETAH 2.34L	0.53	LAA	11	98	98	0	99
B	DUAL MAGNUM	0.95	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
20A»	CHEETAH 2.34L	0.53	LAA	11	98	99	0	99
B	DUAL MAGNUM	1.27	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
LSD (0.05)					0.756	0.572	1.89	0.783
STANDARD DEVIATION					0.374	0.283	0.937	0.388
							0.00	0.00
								2.81
								1.39

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

CREATED: 04/26/2015 REVISED: 10/22/2015

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	XANST	GLXMA	SETFA	CHEAL
		RATE	UNIT		CON %	CON %	CON %	CON %	CON %	CON %
					07/12/15	07/12/15	07/21/15	07/26/15	07/26/15	07/26/15
1A»	A»AUTHOR. FIRST	0.28	LAA	9	99	99	99	0	99	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»LIBERTY 2.34L	0.53	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
2A»	A»FIERCE 76WG	0.166	LAA	9	99	98	99	0	99	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»LIBERTY 2.34L	0.53	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
3A»	A»VALOR XLT 40WG	3.50	OMA	0	99	97	99	0	99	99
	B VALOR 51WG	0.064	LAA	9						
	C CLASSIC 25WG	0.023	LAA	9						
	D»LIBERTY 2.34L	0.53	LAA	11						
	E»ZIDUA 85WG	0.106	LAA	11						
	F»LIQUID AMS	2.50	PMV	11						
	G»LIBERTY 2.34L	0.53	LAA	13						
	H»LIQUID AMS	2.50	PMV	13						
4A»	A»LIBERTY 2.34L	0.53	LAA	11	99	97	99	8	99	99
	B»PREFIX 5.32SL	1.33	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»LIBERTY 2.34L	0.53	LAA	13						
	E»WARRANT 3L	1.125	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
5A»	A»OPTILL 68WG	0.085	LAA	9	99	94	99	0	99	99
	B OUTLOOK 6EC	0.47	LAA	9						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»LIBERTY 2.34L	0.53	LAA	13						
	F»LIQUID AMS	2.50	PMV	13						
6A»	A»AUTHOR. ELITE	1.75	LAA	9	99	99	99	0	99	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»LIBERTY 2.34L	0.53	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
7A»	A»SATELLITE 3.8L	0.71	LAA	9	99	95	98	0	99	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
8A»	A»SATELLITE 3.8L	0.71	LAA	9	99	97	99	0	98	99
	B»INTERLINE 2.34	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
9A»	A»ENLITE 47.86WG	3.00	OMA	0	99	98	98	0	99	99
	B VALOR 51WG	0.0678	LAA	9						
	C CLASSIC 25WG	0.0054	LAA	9						
	D»HARMONY GT 50W	0.0165	LAA	9						
	E»LIBERTY 2.34L	0.53	LAA	11						
	F»LIQUID AMS	2.50	PMV	11						
	G»LIBERTY 2.34L	0.53	LAA	13						
	H»LIQUID AMS	2.50	PMV	13						
10A»	A»SURVEIL 48WG	0.108	LAA	9	99	97	99	0	99	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	D»LIBERTY 2.34L	0.53	LAA	13						
	E»LIQUID AMS	2.50	PMV	13						
11A	A DUAL MAGNUM	0.95	LAA	9	99	98	98	0	99	99
	B»AUTHOR. MAXX 6	0.21	LAA	9						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	E»LIBERTY 2.34L	0.53	LAA	13						

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

TRT	TREATMENT	DOSAGE	ABUTH	PHBPU	XANST	GLXMA	SETFA	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %
			TM	07/12/15	07/12/15	07/21/15	07/26/15	07/26/15
	F»LIQUID AMS	2.50	PMV 13					
12A»	ENVIVE 41.3SG	4.00	OMA 0	99	98	99	0	99
	B VALOR 51WG	0.073	LAA 9					
	C CLASSIC 25WG	0.024	LAA 9					
	D»HARMONY GT 50W	0.007	LAA 9					
	E»LIBERTY 2.34L	0.53	LAA 11					
	F OUTLOOK 6EC	0.656	LAA 11					
	G»LIQUID AMS	2.50	PMV 11					
	H»LIBERTY 2.34L	0.53	LAA 13					
	I»LIQUID AMS	2.50	PMV 13					
13A»	LIBERTY 2.34L	0.53	LAA 11	99	94	99	0	99
	B OUTLOOK 6EC	0.656	LAA 11					
	C»LIQUID AMS	2.50	PMV 11					
	D»LIBERTY 2.34L	0.53	LAA 13					
	E»WARRANT 3L	1.125	LAA 13					
	F»LIQUID AMS	2.50	PMV 13					
14A»	LIBERTY 2.34L	0.53	LAA 11	99	96	99	1	99
	B OUTLOOK 6EC	0.656	LAA 11					
	C»LIQUID AMS	2.50	PMV 11					
	D»LIBERTY 2.34L	0.53	LAA 13					
	E DUAL MAGNUM	0.95	LAA 13					
	F»LIQUID AMS	2.50	PMV 13					
15A	CHECK	0.00	NA 0	0	0	0	0	0
16A»	CHEETAH MAX 3L	0.75	LAA 11	99	94	99	0	99
	B»LIQUID AMS	2.50	PMV 11					
17A»	CHEETAH 2.34L	0.53	LAA 11	99	89	98	0	97
	B»LIQUID AMS	2.50	PMV 11					
18A»	CHEETAH MAX 3L	0.75	LAA 11	99	98	99	2	99
	B DUAL MAGNUM	0.95	LAA 11					
	C»LIQUID AMS	2.50	PMV 11					
19A»	CHEETAH 2.34L	0.53	LAA 11	99	94	97	0	99
	B DUAL MAGNUM	0.95	LAA 11					
	C»LIQUID AMS	2.50	PMV 11					
20A»	CHEETAH 2.34L	0.53	LAA 11	99	93	98	0	99
	B DUAL MAGNUM	1.27	LAA 11					
	C»LIQUID AMS	2.50	PMV 11					
LSD (0.05)				0.00	4.27	1.59	2.83	0.418
STANDARD DEVIATION				0.00	2.11	0.784	1.40	0.207
								0.00

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

CREATED: 04/26/2015 REVISED: 10/22/2015

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

PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		AMATA	ABUTH	PHBPU	XANST	YIELD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	BU/A
				07/26/15	07/26/15	07/26/15	07/26/15	10/08/15
1A»	AUTHOR. FIRST	0.28	LAA 9	99	99	99	99	64.8
B»	LIBERTY 2.34L	0.53	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
D»	LIBERTY 2.34L	0.53	LAA 13					
E»	LIQUID AMS	2.50	PMV 13					
2A»	FIERCE 76WG	0.166	LAA 9	99	99	99	99	65.9
B»	LIBERTY 2.34L	0.53	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
D»	LIBERTY 2.34L	0.53	LAA 13					
E»	LIQUID AMS	2.50	PMV 13					
3A»	VALOR XLT 40WG	3.50	OMA 0	99	99	98	99	66.6
B	VALOR 51WG	0.064	LAA 9					
C	CLASSIC 25WG	0.023	LAA 9					
D»	LIBERTY 2.34L	0.53	LAA 11					
E»	ZIDUA 85WG	0.106	LAA 11					
F»	LIQUID AMS	2.50	PMV 11					
G»	LIBERTY 2.34L	0.53	LAA 13					
H»	LIQUID AMS	2.50	PMV 13					
4A»	LIBERTY 2.34L	0.53	LAA 11	99	99	98	99	56.9
B»	PREFIX 5.32SL	1.33	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
D»	LIBERTY 2.34L	0.53	LAA 13					
E»	WARRANT 3L	1.125	LAA 13					
F»	LIQUID AMS	2.50	PMV 13					
5A»	OPTILL 68WG	0.085	LAA 9	99	99	93	99	67.5
B	OUTLOOK 6EC	0.47	LAA 9					
C»	LIBERTY 2.34L	0.53	LAA 11					
D»	LIQUID AMS	2.50	PMV 11					
E»	LIBERTY 2.34L	0.53	LAA 13					
F»	LIQUID AMS	2.50	PMV 13					
6A»	AUTHOR. ELITE	1.75	LAA 9	99	99	99	99	61.0
B»	LIBERTY 2.34L	0.53	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
D»	LIBERTY 2.34L	0.53	LAA 13					
E»	LIQUID AMS	2.50	PMV 13					
7A»	SATELLITE 3.8L	0.71	LAA 9	97	99	94	98	65.0
B»	LIBERTY 2.34L	0.53	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
8A»	SATELLITE 3.8L	0.71	LAA 9	98	99	96	99	71.2
B»	INTERLINE 2.34	0.53	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
9A»	ENLITE 47.86WG	3.00	OMA 0	99	99	97	99	67.7
B	VALOR 51WG	0.0678	LAA 9					
C	CLASSIC 25WG	0.0054	LAA 9					
D»	HARMONY GT 50W	0.0165	LAA 9					
E»	LIBERTY 2.34L	0.53	LAA 11					
F»	LIQUID AMS	2.50	PMV 11					
G»	LIBERTY 2.34L	0.53	LAA 13					
H»	LIQUID AMS	2.50	PMV 13					
10A»	SURVEIL 48WG	0.108	LAA 9	99	99	98	99	64.8
B»	LIBERTY 2.34L	0.53	LAA 11					
C»	LIQUID AMS	2.50	PMV 11					
D»	LIBERTY 2.34L	0.53	LAA 13					
E»	LIQUID AMS	2.50	PMV 13					
11A	DUAL MAGNUM	0.95	LAA 9	99	99	99	99	64.9
B»	AUTHOR. MAXX 6	0.21	LAA 9					
C»	LIBERTY 2.34L	0.53	LAA 11					
D»	LIQUID AMS	2.50	PMV 11					
E»	LIBERTY 2.34L	0.53	LAA 13					

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

TRT	TREATMENT	DOSAGE		AMATA	ABUTH	PHBPU	XANST	YIELD
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	BU/A
					07/26/15	07/26/15	07/26/15	10/08/15
F»	LIQUID AMS	2.50	PMV	13				
12A»	ENVIVE 41.3SG	4.00	OMA	0	99	99	99	66.2
B	VALOR 51WG	0.073	LAA	9				
C	CLASSIC 25WG	0.024	LAA	9				
D»	HARMONY GT 50W	0.007	LAA	9				
E»	LIBERTY 2.34L	0.53	LAA	11				
F	OUTLOOK 6EC	0.656	LAA	11				
G»	LIQUID AMS	2.50	PMV	11				
H»	LIBERTY 2.34L	0.53	LAA	13				
I»	LIQUID AMS	2.50	PMV	13				
13A»	LIBERTY 2.34L	0.53	LAA	11	95	99	95	61.1
B	OUTLOOK 6EC	0.656	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	LIBERTY 2.34L	0.53	LAA	13				
E»	WARRANT 3L	1.125	LAA	13				
F»	LIQUID AMS	2.50	PMV	13				
14A»	LIBERTY 2.34L	0.53	LAA	11	99	99	98	62.3
B	OUTLOOK 6EC	0.656	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
D»	LIBERTY 2.34L	0.53	LAA	13				
E	DUAL MAGNUM	0.95	LAA	13				
F»	LIQUID AMS	2.50	PMV	13				
15A	CHECK	0.00	NA	0	0	0	0	27.7
16A»	CHEETAH MAX 3L	0.75	LAA	11	97	99	95	69.8
B»	LIQUID AMS	2.50	PMV	11				
17A»	CHEETAH 2.34L	0.53	LAA	11	89	99	88	66.9
B»	LIQUID AMS	2.50	PMV	11				
18A»	CHEETAH MAX 3L	0.75	LAA	11	99	99	99	65.2
B	DUAL MAGNUM	0.95	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
19A»	CHEETAH 2.34L	0.53	LAA	11	92	99	93	67.4
B	DUAL MAGNUM	0.95	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
20A»	CHEETAH 2.34L	0.53	LAA	11	87	99	91	69.9
B	DUAL MAGNUM	1.27	LAA	11				
C»	LIQUID AMS	2.50	PMV	11				
LSD (0.05)					4.31	0.00	3.16	2.32
STANDARD DEVIATION					2.13	0.00	1.56	1.15

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = --- / UNTREATED TIMING
 09 = --- / PREEMERGENCE 05/22/2015(1)
 11 = --- / EPOST 06/17/2015(2)
 13 = --- / LPOST 07/13/2015(3)

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 %	06/17/2015	01	P	GLXMA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/17/2015	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/17/2015	03	P	CHEAL	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/17/2015	04	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/17/2015	05	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/17/2015	06	P	PHBPU	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/17/2015	07	P	XANST	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/29/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/29/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/29/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/29/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/29/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in Liberty-Link Soybean. AS-400

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
013	PHBPU	CON %	06/29/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/29/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	GLXMA	CON %	07/12/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	CON %	07/12/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	CHEAL	CON %	07/12/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	AMATA	CON %	07/12/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	CON %	07/12/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	CON %	07/12/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	XANST	CON %	07/21/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	GLXMA	CON %	07/26/2015	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	07/26/2015	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	CHEAL	CON %	07/26/2015	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	AMATA	CON %	07/26/2015	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	ABUTH	CON %	07/26/2015	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	PHBPU	CON %	07/26/2015	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	XANST	CON %	07/26/2015	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	YIELD	BU/A	10/08/2015	01	P	GLXMA		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = CZ3233LL

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 14 = 4 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED