

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: ZEAMD - dent corn
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	11	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/28/16	07/05/16	AME
TIME - BEGIN	08:50	17:30	24H
TIME - END	09:05	18:00	24H
AIR TEMPERATURE	74	84	F
% REL.HUMIDITY	70	64	
WIND DIRECTION	NORTH	SOUTH	
WIND SPEED	7.0	5.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	79/4.00	86/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	20.0	20.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.260	0.260	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	15.00	15.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	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	
CROP *			
P, soybean;soya bea	---/13	---/15	
CZ3233LL	4.00/5.00	10.0/12.0	IN
(PLANTED) 06/07/2016	21 DAP	28 DAP	
PEST *			
P, velvetleaf;velve	---/12	---/14	
	1.00/3.00	2.00/5.00	IN
P, tall amaranth;co	---/14	---/18	
	0.50/4.00	1.00/8.00	IN
P, common morning g	---/13	---/15	
	1.00/3.00	1.00/4.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	
PEST *			
P, giant foxtail;no	---/13 1.00/4.00	---/18 4.00/10.0	IN
P, beach cocklebur;	---/13 1.00/3.00	---/16 3.00/8.00	IN

* TIMING CODES

11 = --- / EPOST
12 = --- / POST

* STAGE CODE

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

TITLE: Post Glufosinate Combinations for Weed Control in LL Soy. AS-400
CREATED: 04/18/2016 **REVISED:** 01/09/2017 **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		GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	3 DAT 06/30/16	3 DAT 06/30/16	3 DAT 06/30/16	3 DAT 06/30/16	3 DAT 06/30/16	3 DAT 06/30/16
1A»	LIBERTY 2.34L	0.53	LAA 11	0	82	80	78	88	88
B»	LIQUID AMS	2.50	PMV 11						
2A»	LIBERTY 2.34L	0.53	LAA 11	8	78	82	78	85	88
B	SCEPTER 70DG	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	LIBERTY 2.34L	0.53	LAA 11	5	77	82	80	88	87
B	CLASSIC 25WG	0.0052	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	LIBERTY 2.34L	0.53	LAA 11	17	87	85	82	90	88
B	DUAL II MAGNUM	1.19	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	LIBERTY 2.34L	0.53	LAA 11	20	90	85	82	88	85
B	DUAL II MAGNUM	1.19	LAA 11						
C	SCEPTER 70DG	0.063	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
6A»	LIBERTY 2.34L	0.53	LAA 11	3	78	78	73	88	85
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV 12						
8A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	CADET 0.91EC	0.0064	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	C	C	C	C	C	C
11A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.10	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.134	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	PREFIX 5.32SL	1.33	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.40	LAA 12	C	C	C	C	C	C
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	LIBERTY 2.34L	0.40	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				2.9	3.2	4.3	2.8	3.9	3.7
STANDARD DEVIATION				1.4	1.5	2.1	1.4	1.9	1.8

TITLE: Post Glufosinate Combinations for Weed Control in LL Soy. AS-400
CREATED: 04/18/2016 **REVISED:** 01/09/2017 **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	GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
		RATE	UNIT		7 DAT 07/05/16	7 DAT 07/05/16	7 DAT 07/05/16	7 DAT 07/05/16	7 DAT 07/05/16	7 DAT 07/05/16
	1A»LIBERTY 2.34L	0.53	LAA	11	0	99	99	99	99	99
	B»LIQUID AMS	2.50	PMV	11						
	2A»LIBERTY 2.34L	0.53	LAA	11	3	99	96	99	97	99
	B SCEPTER 70DG	0.063	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	3A»LIBERTY 2.34L	0.53	LAA	11	1	96	98	99	99	99
	B CLASSIC 25WG	0.0052	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	4A»LIBERTY 2.34L	0.53	LAA	11	12	98	99	99	98	98
	B DUAL II MAGNUM	1.19	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	5A»LIBERTY 2.34L	0.53	LAA	11	13	99	99	99	98	98
	B DUAL II MAGNUM	1.19	LAA	11						
	C SCEPTER 70DG	0.063	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
	6A»LIBERTY 2.34L	0.53	LAA	11	0	99	98	99	99	99
	B»WARRANT 3L	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
	7A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV	12						
	8A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»CADET 0.91EC	0.0064	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	9A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»MARVEL SC 3L	0.17	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	10A CHECK	0.00	NA	0	C	C	C	C	C	C
	11A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»ANTHEM MAXX 4.	0.10	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	12A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»ANTHEM MAXX 4.	0.134	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	13A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»ANTHEM MAXX 4.	0.168	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	14A»LIBERTY 2.34L	0.53	LAA	12	C	C	C	C	C	C
	B»PREFIX 5.32SL	1.33	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	15A»LIBERTY 2.34L	0.40	LAA	12	C	C	C	C	C	C
	B»MARVEL SC 3L	0.17	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
	16A»LIBERTY 2.34L	0.40	LAA	12	C	C	C	C	C	C
	B»ANTHEM MAXX 4.	0.168	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					2.7	1.4	2.5	0.2	1.7	1.4
STANDARD DEVIATION					1.3	0.7	1.2	0.1	0.8	0.7

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
		RATE	UNIT		3 DAT	3 DAT	3 DAT	3 DAT	3 DAT	3 DAT
					07/08/16	07/08/16	07/08/16	07/08/16	07/08/16	07/08/16
1A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C	C	C
	B»LIQUID AMS	2.50	PMV	11						
2A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C	C	C
	B SCEPTER 70DG	0.063	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
3A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C	C	C
	B CLASSIC 25WG	0.0052	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
4A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C	C	C
	B DUAL II MAGNUM	1.19	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
5A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C	C	C
	B DUAL II MAGNUM	1.19	LAA	11						
	C SCEPTER 70DG	0.063	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
6A»	LIBERTY 2.34L	0.53	LAA	11	C	C	C	C	C	C
	B»WARRANT 3L	1.125	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
7A»	LIBERTY 2.34L	0.53	LAA	12	12	92	91	99	93	93
	B»LIQUID AMS	2.50	PMV	12						
8A»	LIBERTY 2.34L	0.53	LAA	12	27	89	88	99	96	95
	B»CADET 0.91EC	0.0064	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
9A»	LIBERTY 2.34L	0.53	LAA	12	28	92	97	99	97	97
	B»MARVEL SC 3L	0.17	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	LIBERTY 2.34L	0.53	LAA	12	15	87	96	99	95	91
	B»ANTHEM MAXX 4.	0.10	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
12A»	LIBERTY 2.34L	0.53	LAA	12	18	88	96	99	92	93
	B»ANTHEM MAXX 4.	0.134	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
13A»	LIBERTY 2.34L	0.53	LAA	12	22	89	93	99	93	92
	B»ANTHEM MAXX 4.	0.168	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
14A»	LIBERTY 2.34L	0.53	LAA	12	25	92	97	99	97	98
	B»PREFIX 5.32SL	1.33	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
15A»	LIBERTY 2.34L	0.40	LAA	12	23	88	96	99	95	98
	B»MARVEL SC 3L	0.17	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
16A»	LIBERTY 2.34L	0.40	LAA	12	27	92	93	99	94	98
	B»ANTHEM MAXX 4.	0.168	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
LSD (0.05)					5.9	2.8	3.0	0.0	4.2	4.2
STANDARD DEVIATION					2.9	1.4	1.5	0.0	2.1	2.1

TITLE: Post Glufosinate Combinations for Weed Control in LL Soy. AS-400
CREATED: 04/18/2016 **REVISED:** 01/09/2017 **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		GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	CON % 07/14/16	CON % 07/14/16	CON % 07/14/16	CON % 07/14/16	CON % 07/14/16	CON % 07/14/16
1A»	LIBERTY 2.34L	0.53	LAA 11	0	98	99	99	99	99
B»	LIQUID AMS	2.50	PMV 11						
2A»	LIBERTY 2.34L	0.53	LAA 11	1	99	99	99	98	99
B	SCEPTER 70DG	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	LIBERTY 2.34L	0.53	LAA 11	1	95	99	99	98	99
B	CLASSIC 25WG	0.0052	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	LIBERTY 2.34L	0.53	LAA 11	0	99	99	99	97	99
B	DUAL II MAGNUM	1.19	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	LIBERTY 2.34L	0.53	LAA 11	0	99	99	99	98	98
B	DUAL II MAGNUM	1.19	LAA 11						
C	SCEPTER 70DG	0.063	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
6A»	LIBERTY 2.34L	0.53	LAA 11	0	99	99	99	98	99
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	LIBERTY 2.34L	0.53	LAA 12	0	99	99	99	99	99
B»	LIQUID AMS	2.50	PMV 12						
8A»	LIBERTY 2.34L	0.53	LAA 12	1	98	99	99	99	99
B»	CADET 0.91EC	0.0064	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	LIBERTY 2.34L	0.53	LAA 12	8	99	99	99	99	99
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A»	LIBERTY 2.34L	0.53	LAA 12	3	99	99	99	98	99
B»	ANTHEM MAXX 4.	0.10	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	LIBERTY 2.34L	0.53	LAA 12	4	97	99	99	99	99
B»	ANTHEM MAXX 4.	0.134	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A»	LIBERTY 2.34L	0.53	LAA 12	7	99	99	99	99	99
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	LIBERTY 2.34L	0.53	LAA 12	15	99	99	99	99	99
B»	PREFIX 5.32SL	1.33	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.40	LAA 12	8	98	98	99	99	99
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	LIBERTY 2.34L	0.40	LAA 12	5	99	98	99	99	99
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				5.9	2.3	0.8	0.0	0.8	0.5
STANDARD DEVIATION				2.9	1.1	0.4	0.0	0.4	0.3

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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		GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	14 DAT 07/22/16	14 DAT 07/22/16	14 DAT 07/22/16	14 DAT 07/22/16	14 DAT 07/22/16	14 DAT 07/22/16
1A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV 11						
2A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	SCEPTER 70DG	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	CLASSIC 25WG	0.0052	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	DUAL II MAGNUM	1.19	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	DUAL II MAGNUM	1.19	LAA 11						
C	SCEPTER 70DG	0.063	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
6A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	LIBERTY 2.34L	0.53	LAA 12	0	94	92	96	94	99
B»	LIQUID AMS	2.50	PMV 12						
8A»	LIBERTY 2.34L	0.53	LAA 12	0	92	86	99	94	95
B»	CADET 0.91EC	0.0064	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	LIBERTY 2.34L	0.53	LAA 12	3	98	99	99	97	99
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A»	LIBERTY 2.34L	0.53	LAA 12	1	98	95	99	97	99
B»	ANTHEM MAXX 4.	0.10	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	LIBERTY 2.34L	0.53	LAA 12	3	96	96	99	98	99
B»	ANTHEM MAXX 4.	0.134	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A»	LIBERTY 2.34L	0.53	LAA 12	3	97	96	99	98	99
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	LIBERTY 2.34L	0.53	LAA 12	9	96	98	99	98	99
B»	PREFIX 5.32SL	1.33	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.40	LAA 12	4	94	91	99	95	98
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	LIBERTY 2.34L	0.40	LAA 12	2	95	91	99	97	98
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				4.3	3.6	7.3	2.2	2.9	1.9
STANDARD DEVIATION				2.1	1.7	3.6	1.1	1.4	0.9

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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		GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	28 DAT 07/29/16	28 DAT 07/29/16	28 DAT 07/29/16	28 DAT 07/29/16	28 DAT 07/29/16	28 DAT 07/29/16
1A»	LIBERTY 2.34L	0.53	LAA 11	0	96	98	99	96	99
B»	LIQUID AMS	2.50	PMV 11						
2A»	LIBERTY 2.34L	0.53	LAA 11	0	94	92	99	96	99
B	SCEPTER 70DG	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	LIBERTY 2.34L	0.53	LAA 11	0	83	92	98	95	98
B	CLASSIC 25WG	0.0052	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	LIBERTY 2.34L	0.53	LAA 11	0	98	98	98	95	95
B	DUAL II MAGNUM	1.19	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	LIBERTY 2.34L	0.53	LAA 11	0	96	94	98	96	92
B	DUAL II MAGNUM	1.19	LAA 11						
C	SCEPTER 70DG	0.063	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
6A»	LIBERTY 2.34L	0.53	LAA 11	0	95	96	99	96	98
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV 12						
8A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	CADET 0.91EC	0.0064	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	C	C	C	C	C	C
11A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.10	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.134	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	LIBERTY 2.34L	0.53	LAA 12	C	C	C	C	C	C
B»	PREFIX 5.32SL	1.33	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.40	LAA 12	C	C	C	C	C	C
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	LIBERTY 2.34L	0.40	LAA 12	C	C	C	C	C	C
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.0	3.3	4.3	1.5	1.8	2.8
STANDARD DEVIATION				0.0	1.6	2.1	0.7	0.9	1.4

TITLE: Post Glufosinate Combinations for Weed Control in LL Soy. AS-400
CREATED: 04/18/2016 **REVISED:** 01/09/2017 **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		GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				08/06/16	08/06/16	08/06/16	08/06/16	08/06/16	08/06/16
1A»	LIBERTY 2.34L	0.53	LAA 11	0	92	96	99	96	98
B»	LIQUID AMS	2.50	PMV 11						
2A»	LIBERTY 2.34L	0.53	LAA 11	0	92	90	99	94	99
B	SCEPTER 70DG	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	LIBERTY 2.34L	0.53	LAA 11	0	81	92	99	92	98
B	CLASSIC 25WG	0.0052	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	LIBERTY 2.34L	0.53	LAA 11	0	96	91	99	93	90
B	DUAL II MAGNUM	1.19	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	LIBERTY 2.34L	0.53	LAA 11	0	93	91	99	96	88
B	DUAL II MAGNUM	1.19	LAA 11						
C	SCEPTER 70DG	0.063	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
6A»	LIBERTY 2.34L	0.53	LAA 11	0	93	94	99	94	96
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	LIBERTY 2.34L	0.53	LAA 12	0	91	90	94	92	98
B»	LIQUID AMS	2.50	PMV 12						
8A»	LIBERTY 2.34L	0.53	LAA 12	0	93	85	99	93	95
B»	CADET 0.91EC	0.0064	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	LIBERTY 2.34L	0.53	LAA 12	1	95	99	99	97	98
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A»	LIBERTY 2.34L	0.53	LAA 12	0	96	96	99	95	98
B»	ANTHEM MAXX 4.	0.10	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	LIBERTY 2.34L	0.53	LAA 12	1	95	98	99	95	99
B»	ANTHEM MAXX 4.	0.134	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A»	LIBERTY 2.34L	0.53	LAA 12	1	96	95	99	95	95
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	LIBERTY 2.34L	0.53	LAA 12	5	95	98	99	96	99
B»	PREFIX 5.32SL	1.33	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.40	LAA 12	0	92	92	99	94	97
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	LIBERTY 2.34L	0.40	LAA 12	0	95	86	99	94	90
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				3.7	6.6	9.1	3.4	3.7	7.3
STANDARD DEVIATION				1.8	3.2	4.5	1.6	1.8	3.6

TITLE: Post Glufosinate Combinations for Weed Control in LL Soy. AS-400
CREATED: 04/18/2016 **REVISED:** 01/09/2017 **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		GLYMA	SETFA	AMATA	ABUTH	PHBPU	XANST
NUM	COMPONENT	RATE	UNIT TM	42 DAT 08/19/16	42 DAT 08/19/16	42 DAT 08/19/16	42 DAT 08/19/16	42 DAT 08/19/16	42 DAT 08/19/16
1A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B»	LIQUID AMS	2.50	PMV 11						
2A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	SCEPTER 70DG	0.063	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
3A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	CLASSIC 25WG	0.0052	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
4A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	DUAL II MAGNUM	1.19	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
5A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B	DUAL II MAGNUM	1.19	LAA 11						
C	SCEPTER 70DG	0.063	LAA 11						
D»	LIQUID AMS	2.50	PMV 11						
6A»	LIBERTY 2.34L	0.53	LAA 11	C	C	C	C	C	C
B»	WARRANT 3L	1.125	LAA 11						
C»	LIQUID AMS	2.50	PMV 11						
7A»	LIBERTY 2.34L	0.53	LAA 12	0	88	88	94	90	98
B»	LIQUID AMS	2.50	PMV 12						
8A»	LIBERTY 2.34L	0.53	LAA 12	0	92	86	99	93	92
B»	CADET 0.91EC	0.0064	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
9A»	LIBERTY 2.34L	0.53	LAA 12	0	95	99	99	96	98
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A»	LIBERTY 2.34L	0.53	LAA 12	0	94	95	99	93	98
B»	ANTHEM MAXX 4.	0.10	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
12A»	LIBERTY 2.34L	0.53	LAA 12	0	94	98	99	94	99
B»	ANTHEM MAXX 4.	0.134	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
13A»	LIBERTY 2.34L	0.53	LAA 12	0	95	93	99	94	94
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
14A»	LIBERTY 2.34L	0.53	LAA 12	3	93	98	99	96	99
B»	PREFIX 5.32SL	1.33	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
15A»	LIBERTY 2.34L	0.40	LAA 12	0	90	90	99	93	96
B»	MARVEL SC 3L	0.17	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
16A»	LIBERTY 2.34L	0.40	LAA 12	0	94	86	99	92	88
B»	ANTHEM MAXX 4.	0.168	LAA 12						
C»	LIQUID AMS	2.50	PMV 12						
LSD (0.05)				2.4	4.1	7.5	3.4	4.1	7.1
STANDARD DEVIATION				1.2	2.0	3.7	1.6	2.0	3.5

TITLE: Post Glufosinate Combinations for Weed Control in LL Soy. AS-400
CREATED: 04/18/2016 **REVISED:** 01/09/2017 **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		YIELD BU/A 10/11/16
		RATE	UNIT TM	
1A»	LIBERTY 2.34L	0.53	LAA 11	57.5
B»	LIQUID AMS	2.50	PMV 11	
2A»	LIBERTY 2.34L	0.53	LAA 11	55.7
B	SCEPTER 70DG	0.063	LAA 11	
C»	LIQUID AMS	2.50	PMV 11	
3A»	LIBERTY 2.34L	0.53	LAA 11	60.2
B	CLASSIC 25WG	0.0052	LAA 11	
C»	LIQUID AMS	2.50	PMV 11	
4A»	LIBERTY 2.34L	0.53	LAA 11	64.3
B	DUAL II MAGNUM	1.19	LAA 11	
C»	LIQUID AMS	2.50	PMV 11	
5A»	LIBERTY 2.34L	0.53	LAA 11	56.9
B	DUAL II MAGNUM	1.19	LAA 11	
C	SCEPTER 70DG	0.063	LAA 11	
D»	LIQUID AMS	2.50	PMV 11	
6A»	LIBERTY 2.34L	0.53	LAA 11	60.5
B»	WARRANT 3L	1.125	LAA 11	
C»	LIQUID AMS	2.50	PMV 11	
7A»	LIBERTY 2.34L	0.53	LAA 12	59.4
B»	LIQUID AMS	2.50	PMV 12	
8A»	LIBERTY 2.34L	0.53	LAA 12	57.9
B»	CADET 0.91EC	0.0064	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
9A»	LIBERTY 2.34L	0.53	LAA 12	47.0
B»	MARVEL SC 3L	0.17	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
10A	CHECK	0.00	NA 0	10.3
11A»	LIBERTY 2.34L	0.53	LAA 12	60.9
B»	ANTHEM MAXX 4.	0.10	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
12A»	LIBERTY 2.34L	0.53	LAA 12	59.8
B»	ANTHEM MAXX 4.	0.134	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
13A»	LIBERTY 2.34L	0.53	LAA 12	58.3
B»	ANTHEM MAXX 4.	0.168	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
14A»	LIBERTY 2.34L	0.53	LAA 12	61.8
B»	PREFIX 5.32SL	1.33	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
15A»	LIBERTY 2.34L	0.40	LAA 12	51.2
B»	MARVEL SC 3L	0.17	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
16A»	LIBERTY 2.34L	0.40	LAA 12	57.8
B»	ANTHEM MAXX 4.	0.168	LAA 12	
C»	LIQUID AMS	2.50	PMV 12	
LSD (0.05)				16.59
STANDARD DEVIATION				8.13

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

*** CONTINUE ON NEXT PAGE

00 = --- / UNTREATED TIMING
 00 = --- / UNTREATED TIMING
 11 = --- / EPOST 06/28/2016(1)
 12 = --- / POST 07/05/2016(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLYMA	3 DAT	06/30/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	3 DAT	06/30/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	3 DAT	06/30/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	3 DAT	06/30/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	3 DAT	06/30/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	3 DAT	06/30/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLYMA	7 DAT	07/05/2016	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	7 DAT	07/05/2016	02	P	SETFA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	7 DAT	07/05/2016	03	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	7 DAT	07/05/2016	04	P	ABUTH	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	PHBPU	7 DAT	07/05/2016	05	P	PHBPU	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	7 DAT	07/05/2016	06	P	XANST	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLYMA	3 DAT	07/08/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	3 DAT	07/08/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	3 DAT	07/08/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	3 DAT	07/08/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	PHBPU	3 DAT	07/08/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	XANST	3 DAT	07/08/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	GLYMA	CON %	07/14/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	SETFA	CON %	07/14/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	AMATA	CON %	07/14/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ABUTH	CON %	07/14/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	07/14/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	XANST	CON %	07/14/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	GLYMA	14 DAT	07/22/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	SETFA	14 DAT	07/22/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	AMATA	14 DAT	07/22/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	ABUTH	14 DAT	07/22/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	PHBPU	14 DAT	07/22/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	XANST	14 DAT	07/22/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	GLYMA	28 DAT	07/29/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	SETFA	28 DAT	07/29/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	AMATA	28 DAT	07/29/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	ABUTH	28 DAT	07/29/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	PHBPU	28 DAT	07/29/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	XANST	28 DAT	07/29/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	GLYMA	CON %	08/06/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
038	SETFA	CON %	08/06/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
039	AMATA	CON %	08/06/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
040	ABUTH	CON %	08/06/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
041	PHBPU	CON %	08/06/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
042	XANST	CON %	08/06/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
043	GLYMA	42 DAT	08/19/2016	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
044	SETFA	42 DAT	08/19/2016	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
045	AMATA	42 DAT	08/19/2016	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
046	ABUTH	42 DAT	08/19/2016	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
047	PHBPU	42 DAT	08/19/2016	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
048	XANST	42 DAT	08/19/2016	06	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
049	YIELD	BU/A	10/11/2016	01	P	GLXMA		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

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

01 = CZ3233LL

* STAGE CODE

14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED