

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
PH: 5.8  
%OM: 3.4  
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	UNIT
TIMINGS	09	11	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	05/31/17	06/21/17	AME
TIME - BEGIN	07:00	09:00	24H
TIME - END	07:20	09:30	24H
AIR TEMPERATURE	64	74	F
% REL.HUMIDITY	70	71	
WIND DIRECTION	NORTH	EAST	
WIND SPEED	4.0	2.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	63/4.00	74/4.00	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	0.330	0.330	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
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		---/15	
CZ3737LL		5.00/7.00	IN
(PLANTED) 05/30/2017		22 DAP	
PEST *			
P, VELVETLEAF		---/14	
		2.00/3.00	IN
P, WATERHEMP, COMMO		---/18	
		3.00/4.00	IN
P, MORNINGGLORY, TA		---/10	
		0.50/0.50	IN

\*\*\* CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
PEST * P, FOXTAIL, GIANT		---/13 2.00/3.00	IN

**\* TIMING CODES**

09 = --- / PREEMERGENCE  
11 = --- / EPOST

**\* STAGE CODE**

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
13 = 3 LEAVES UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TRIAL # US 213/17/01 003 01 : USFMCLL\* AS-400  
DATA MEAN**

**TITLE:** Authority Maxx and Anthem Maxx for Weed Control in LL Soybean. AS-400  
**CREATED:** 05/04/2017 **REVISED:** 02/13/2018 **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			GLXMA	SETFA	AMATA	ABUTH	PHBPU	GLXMA
		RATE	UNIT	TM	CON % 06/20/17	CON % 06/20/17	CON % 06/20/17	CON % 06/20/17	CON % 06/20/17	CON % 07/06/17
1A»	AUTHOR. MAXX 6	0.264	LAA	9	0	23	57	47	40	10
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
2A»	AUTHOR. MAXX 6	0.264	LAA	9	0	23	57	53	53	19
	B»ANTHEM MAXX 4.	0.101	LAA	11						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
3A»	AUTHOR. ELITE	1.42	LAA	9	0	27	43	53	33	10
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
4A»	AUTHOR. ELITE	1.42	LAA	9	0	30	40	47	27	20
	B»ANTHEM MAXX 4.	0.101	LAA	11						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	ANTHEM MAXX 4.	0.144	LAA	9	0	17	43	37	23	10
	B»METRIBUZIN 75D	0.281	LAA	9						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	5.00	PMV	11						
7A»	FIERCE 76WG	0.143	LAA	9	0	23	40	43	27	10
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
8A»	VALOR EZ 4SC	0.063	LAA	9	0	20	33	33	23	10
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	5.00	PMV	11						
		LSD (0.05)			0.0	12.6	19.3	17.3	11.4	0.7
		STANDARD DEVIATION			0.0	5.9	9.0	8.0	5.3	0.3

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**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	AMATA	ABUTH	PHBPU	GLXMA	SETFA
		RATE	UNIT		CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/18/17	CON % 07/18/17
1A»	AUTHOR. MAXX 6	0.264	LAA	9	83	93	99	87	0	77
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	5.00	PMV	11						
2A»	AUTHOR. MAXX 6	0.264	LAA	9	94	99	98	88	5	91
B»	ANTHEM MAXX 4.	0.101	LAA	11						
C»	LIBERTY 2.34L	0.53	LAA	11						
D»	LIQUID AMS	5.00	PMV	11						
3A»	AUTHOR. ELITE	1.42	LAA	9	90	87	99	82	0	83
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	5.00	PMV	11						
4A»	AUTHOR. ELITE	1.42	LAA	9	94	99	99	88	5	91
B»	ANTHEM MAXX 4.	0.101	LAA	11						
C»	LIBERTY 2.34L	0.53	LAA	11						
D»	LIQUID AMS	5.00	PMV	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	ANTHEM MAXX 4.	0.144	LAA	9	83	90	98	85	0	75
B»	METRIBUZIN 75D	0.281	LAA	9						
C»	LIBERTY 2.34L	0.53	LAA	11						
D»	LIQUID AMS	5.00	PMV	11						
7A»	FIERCE 76WG	0.143	LAA	9	78	92	99	70	0	75
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	5.00	PMV	11						
8A»	VALOR EZ 4SC	0.063	LAA	9	78	87	99	67	0	70
B»	LIBERTY 2.34L	0.53	LAA	11						
C»	LIQUID AMS	5.00	PMV	11						
		LSD (0.05)			4.9	6.8	1.1	4.1	0.0	9.2
		STANDARD DEVIATION			2.3	3.2	0.5	1.9	0.0	4.3

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**PLOT SIZE:** 7.50 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 225.00 SFT

**REPS:** 03

TRT	TREATMENT	DOSAGE			AMATA	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON % 07/18/17	CON % 07/18/17	CON % 07/18/17
1A	AUTHOR. MAXX 6	0.264	LAA	9	88	98	82
B	LIBERTY 2.34L	0.53	LAA	11			
C	LIQUID AMS	5.00	PMV	11			
2A	AUTHOR. MAXX 6	0.264	LAA	9	96	98	85
B	ANTHEM MAXX 4.	0.101	LAA	11			
C	LIBERTY 2.34L	0.53	LAA	11			
D	LIQUID AMS	5.00	PMV	11			
3A	AUTHOR. ELITE	1.42	LAA	9	83	98	81
B	LIBERTY 2.34L	0.53	LAA	11			
C	LIQUID AMS	5.00	PMV	11			
4A	AUTHOR. ELITE	1.42	LAA	9	98	99	85
B	ANTHEM MAXX 4.	0.101	LAA	11			
C	LIBERTY 2.34L	0.53	LAA	11			
D	LIQUID AMS	5.00	PMV	11			
5A	CHECK	0.00	NA	0	0	0	0
6A	ANTHEM MAXX 4.	0.144	LAA	9	90	98	73
B	METRIBUZIN 75D	0.281	LAA	9			
C	LIBERTY 2.34L	0.53	LAA	11			
D	LIQUID AMS	5.00	PMV	11			
7A	FIERCE 76WG	0.143	LAA	9	92	99	55
B	LIBERTY 2.34L	0.53	LAA	11			
C	LIQUID AMS	5.00	PMV	11			
8A	VALOR EZ 4SC	0.063	LAA	9	87	99	55
B	LIBERTY 2.34L	0.53	LAA	11			
C	LIQUID AMS	5.00	PMV	11			
LSD (0.05)					6.9	1.5	10.5
STANDARD DEVIATION					3.2	0.7	4.9

» = SUPPLEMENTAL CHEMICAL

**\* TIMING CODES**

00 = --- / UNTREATED TIMING  
 09 = --- / PREEMERGENCE 05/31/2017(1)  
 11 = --- / EPOST 06/21/2017(2)

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 %	06/20/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/20/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/20/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/20/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/20/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	07/06/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ABUTH	CON %	07/06/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/06/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	07/06/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	07/06/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	07/18/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/18/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/18/2017	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/18/2017	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/18/2017	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = CZ3737LL