

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX  
PH: 5.8  
%OM: 3.4  
PREV.CROP: ZEAMD - CORN, DENT  
%RESIDUE: 0  
PLOT WIDTH: 5 X 30 FEET  
PLOT AREA: 150 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	06/21/17	AME
TIME - BEGIN	09:00	24H
TIME - END	09:30	24H
AIR TEMPERATURE	74	F
% REL.HUMIDITY	71	
WIND DIRECTION	EAST	
WIND SPEED	2.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	74/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	3	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	5.0	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.250	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	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	
CROP *		
P, SOYBEAN	---/13	
CZ3737LL	5.00/7.00	IN
(PLANTED) 05/30/2017	22 DAP	
PEST *		
P, VELVETLEAF	---/14	
	3.00/3.00	IN
P, WATERHEMP, COMMO	---/16	
	3.00/3.00	IN
P, MORNINGGLORY, TA	---/12	
	1.00/2.00	IN

\*\*\* CONTINUE

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

\* TIMING CODES

11 = --- / EPOST

\* STAGE CODE

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

**TRIAL # US 214/17/01 003 01 : USAMVLL AS-400  
DATA MEAN**

**TITLE:** AMVAC Scepter Post-Emerge Tank Mixes in LL Soybean. AS-400  
**CREATED:** 05/02/2017 **REVISED:** 03/20/2018 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 5.00 FT WIDE X 30.00 FT LONG  
**PLOT AREA:** 150.00 SFT

**REPS: 03**

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	SETFA	PHBPU	AMATA	ABUTH
		RATE	UNIT	TM	CON % 06/29/17	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17	CON % 07/06/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»LIBERTY 2.34L	0.53	LAA	11	15	10	78	78	65	99
	B»LIQUID AMS	2.50	PMV	11						
3A	SCEPTER 70DG	0.061	LAA	11	15	10	85	88	77	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
4A	CLASSIC 25WG	0.00516	LAA	11	22	12	75	77	77	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
5A	DUAL MAGNUM	1.19	LAA	11	17	10	88	73	77	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
6A	SCEPTER 70DG	0.061	LAA	11	23	15	90	72	89	98
	B DUAL MAGNUM	1.19	LAA	11						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
7A	»PREFIX 5.32SL	1.45	LAA	11	29	19	93	73	98	99
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
8A	SCEPTER 70DG	0.061	LAA	11	29	20	91	81	97	99
	B»PREFIX 5.32SL	1.45	LAA	11						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			2.7	1.8	5.0	5.1	6.0	0.7
		STANDARD DEVIATION			1.3	0.9	2.3	2.4	2.8	0.3

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**REPS: 03**

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	PHBPU	AMATA	ABUTH	GLXMA
		RATE	UNIT	TM	CON % 07/18/17	CON % 07/18/17	CON % 07/18/17	CON % 07/18/17	CON % 07/18/17	CON % 07/31/17
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»LIBERTY 2.34L	0.53	LAA	11	0	72	76	53	99	0
	B»LIQUID AMS	2.50	PMV	11						
3A	SCEPTER 70DG	0.061	LAA	11	0	82	83	73	99	0
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
4A	CLASSIC 25WG	0.00516	LAA	11	0	74	71	63	99	0
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
5A	DUAL MAGNUM	1.19	LAA	11	0	82	72	75	99	0
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
6A	SCEPTER 70DG	0.061	LAA	11	0	83	72	73	98	0
	B DUAL MAGNUM	1.19	LAA	11						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
7A	»PREFIX 5.32SL	1.45	LAA	11	5	92	71	96	99	0
	B»LIBERTY 2.34L	0.53	LAA	11						
	C»LIQUID AMS	2.50	PMV	11						
8A	SCEPTER 70DG	0.061	LAA	11	5	88	73	92	98	0
	B»PREFIX 5.32SL	1.45	LAA	11						
	C»LIBERTY 2.34L	0.53	LAA	11						
	D»LIQUID AMS	2.50	PMV	11						
		LSD (0.05)			0.0	7.6	5.2	9.5	1.0	0.0
		STANDARD DEVIATION			0.0	3.6	2.4	4.4	0.5	0.0

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**REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	PHBPU	AMATA	ABUTH
		RATE	UNIT	TM	CON % 07/31/17	CON % 07/31/17	CON % 07/31/17	CON % 07/31/17
1A	CHECK	0.00	NA	0	0	0	0	0
2A	»LIBERTY 2.34L	0.53	LAA	11	55	75	45	99
	B»LIQUID AMS	2.50	PMV	11				
3A	SCEPTER 70DG	0.061	LAA	11	73	78	63	99
	B»LIBERTY 2.34L	0.53	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
4A	CLASSIC 25WG	0.00516	LAA	11	67	67	62	99
	B»LIBERTY 2.34L	0.53	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
5A	DUAL MAGNUM	1.19	LAA	11	80	69	71	99
	B»LIBERTY 2.34L	0.53	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
6A	SCEPTER 70DG	0.061	LAA	11	81	66	68	98
	B DUAL MAGNUM	1.19	LAA	11				
	C»LIBERTY 2.34L	0.53	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				
7A	»PREFIX 5.32SL	1.45	LAA	11	93	69	95	99
	B»LIBERTY 2.34L	0.53	LAA	11				
	C»LIQUID AMS	2.50	PMV	11				
8A	SCEPTER 70DG	0.061	LAA	11	83	69	91	99
	B»PREFIX 5.32SL	1.45	LAA	11				
	C»LIBERTY 2.34L	0.53	LAA	11				
	D»LIQUID AMS	2.50	PMV	11				
LSD (0.05)					11.1	8.1	9.3	0.7
STANDARD DEVIATION					5.2	3.8	4.3	0.3

» = SUPPLEMENTAL CHEMICAL

**\* TIMING CODES**

00 = --- / UNTREATED TIMING  
 11 = --- / EPOST 06/21/2017(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/29/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	07/06/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/06/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	PHBPU	CON %	07/06/2017	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	07/06/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	07/06/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	07/18/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/18/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	07/18/2017	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/18/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/18/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	GLXMA	CON %	07/31/2017	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	CON %	07/31/2017	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PHBPU	CON %	07/31/2017	03	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	AMATA	CON %	07/31/2017	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	07/31/2017	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)  
 01 = CZ3737LL