

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 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	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/27/14	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	42	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	4.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
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	---	
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	---/00	
S34 Z1 RR	0.00/0.00	IN
(PLANTED) 05/27/2014	0 DAP	

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED

TITLE: Preemergence Weed Control with Sipcam Residual Herbicides in Soybean. AS-200
CREATED: 05/04/2014 **REVISED:** 09/15/2014 **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	CHEAL	AMATA	ABUTH	PHBPU	
		RATE	UNIT	TM	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	CON % 06/11/14	
1A»	STALWART 8L	16.00	ZMA	9	0	97	99	99	87	88	
B»	SA-0330101	10.00	ZMA	9							
2A»	STALWART 8L	16.00	ZMA	9	0	99	99	99	83	83	
B»	SA-040101 DF	2.00	OMA	9							
3A»	SA-0070115	56.00	ZMA	9	0	99	99	99	84	53	
4A»	SA-0070117	56.00	ZMA	9	0	99	99	93	84	52	
5A»	SA-0070118	56.00	ZMA	9	0	99	99	95	78	40	
6A»	SA-0070119	56.00	ZMA	9	0	99	99	99	82	60	
7A»	SA-0370101	37.00	ZMA	9	0	99	99	80	75	57	
8A»	SA-0070120	56.00	ZMA	9	0	95	99	94	62	47	
9A»	SA-0070121	56.00	ZMA	9	0	93	99	92	53	37	
10A»	SA-0070123	56.00	ZMA	9	0	93	99	99	67	50	
11A»	PREFIX 5.32SL	1.33	LAA	9	0	98	99	99	78	68	
12A»	AGH 14006 2L	0.47	LAA	9	0	70	99	99	77	57	
13A»	AGH 14007 2L	0.47	LAA	9	0	70	99	99	77	57	
14A	SENCOR 75WG	0.47	LAA	9	0	72	99	99	78	58	
15A	CHECK	0.00	NA	0	0	0	0	0	0	0	
16A»	AGH 14009 75DF	0.375	LAA	9	0	72	99	99	83	55	
17A»	AGH 14010 75DF	0.375	LAA	9	0	63	99	99	73	47	
18A»	MATADOR 4.7L	1.47	LAA	9	0	99	99	99	93	79	
					LSD (0.05)	0.00	7.23	0.00	3.40	15.52	13.51
					STANDARD DEVIATION	0.00	3.58	0.00	1.68	7.68	6.68

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PLOT AREA: 225.00 SFT

REPS: 03

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		RATE	UNIT	TM	CON % 06/11/14	CON % 06/24/14	CON % 06/24/14	CON % 06/24/14	CON % 06/24/14	CON % 06/24/14
1A»	STALWART 8L	16.00	ZMA	9	81	0	93	99	99	89
B»	SA-0330101	10.00	ZMA	9						
2A»	STALWART 8L	16.00	ZMA	9	77	0	92	99	99	84
B»	SA-040101 DF	2.00	OMA	9						
3A»	SA-0070115	56.00	ZMA	9	53	0	91	99	99	80
4A»	SA-0070117	56.00	ZMA	9	47	0	93	99	98	83
5A»	SA-0070118	56.00	ZMA	9	40	0	90	99	96	82
6A»	SA-0070119	56.00	ZMA	9	57	0	86	99	88	75
7A»	SA-0370101	37.00	ZMA	9	50	0	87	99	77	72
8A»	SA-0070120	56.00	ZMA	9	43	0	86	99	93	75
9A»	SA-0070121	56.00	ZMA	9	37	0	84	99	92	67
10A»	SA-0070123	56.00	ZMA	9	60	0	89	99	98	69
11A»	PREFIX 5.32SL	1.33	LAA	9	70	0	96	99	99	76
12A»	AGH 14006 2L	0.47	LAA	9	58	0	60	99	88	73
13A»	AGH 14007 2L	0.47	LAA	9	53	0	62	99	95	76
14A	SENCOR 75WG	0.47	LAA	9	60	0	65	99	97	73
15A	CHECK	0.00	NA	0	0	0	0	0	0	0
16A»	AGH 14009 75DF	0.375	LAA	9	57	0	73	99	96	77
17A»	AGH 14010 75DF	0.375	LAA	9	50	0	65	99	91	70
18A»	MATADOR 4.7L	1.47	LAA	9	77	0	98	99	98	98
	LSD (0.05)				17.00	0.00	7.90	0.00	7.53	14.31
	STANDARD DEVIATION				8.39	0.00	3.91	0.00	3.73	7.08

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PLOT AREA: 225.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE			PHBPU	XANST
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %
					06/24/14	06/24/14
1A»	STALWART 8L	16.00	ZMA	9	90	86
B»	SA-0330101	10.00	ZMA	9		
2A»	STALWART 8L	16.00	ZMA	9	78	75
B»	SA-040101 DF	2.00	OMA	9		
3A»	SA-0070115	56.00	ZMA	9	68	67
4A»	SA-0070117	56.00	ZMA	9	65	67
5A»	SA-0070118	56.00	ZMA	9	62	58
6A»	SA-0070119	56.00	ZMA	9	65	60
7A»	SA-0370101	37.00	ZMA	9	65	63
8A»	SA-0070120	56.00	ZMA	9	58	57
9A»	SA-0070121	56.00	ZMA	9	55	53
10A»	SA-0070123	56.00	ZMA	9	67	63
11A»	PREFIX 5.32SL	1.33	LAA	9	70	67
12A»	AGH 14006 2L	0.47	LAA	9	60	63
13A»	AGH 14007 2L	0.47	LAA	9	63	60
14A	SENCOR 75WG	0.47	LAA	9	63	60
15A	CHECK	0.00	NA	0	0	0
16A»	AGH 14009 75DF	0.375	LAA	9	65	60
17A»	AGH 14010 75DF	0.375	LAA	9	55	53
18A»	MATADOR 4.7L	1.47	LAA	9	84	80
LSD (0.05)					13.00	10.68
STANDARD DEVIATION					6.45	5.29

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/27/2014(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 %	06/11/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/11/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/11/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/11/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/11/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/11/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	XANST	CON %	06/11/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	GLXMA	CON %	06/24/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/24/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/24/2014	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	AMATA	CON %	06/24/2014	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/24/2014	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/24/2014	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	06/24/2014	07	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = S34 Z1 RR