

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	06/01/09	AME
AIR TEMPERATURE	79	F
% REL.HUMIDITY	57	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
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	---	
	DN/SG/MMZ	
*** CROP ***		
SOYBEAN	---/01	
A 3402RR	0.00/0.00	IN
05/30/2009		

* TIMING CODES

09 = ----- / PREEMERGENCE

* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION

TITLE: Clomazone Combinations for Weed Control in Soybean. AS-100
CREATED: 04/27/2009 **REVISED:** 09/14/2009 **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	XANST	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/15/09	06/15/09	06/15/09	06/15/09	06/15/09	06/15/09
1A»	CHA-016 3L	0.38	LAA 9	0	88	93	84	52	33
2A»	CHA-016 3L	0.50	LAA 9	0	98	99	93	68	45
3A»	CHA-016 3L	0.75	LAA 9	0	99	99	96	79	55
4A»	CHA-019 4.5AE	0.75	LAA 9	0	94	91	89	67	43
5A»	CHA-019 4.5AE	0.94	LAA 9	0	99	99	98	84	52
6A»	CHA-019 4.5AE	1.13	LAA 9	0	99	99	99	95	62
7A»	CHA-019 4.5AE	1.50	LAA 9	0	99	99	99	91	60
8A»	CHA-019 4.5AE	2.26	LAA 9	0	99	99	99	98	70
9A»	CHA-021 4L	0.52	LAA 9	0	94	93	94	68	43
10A»	CHA-021 4L	0.68	LAA 9	0	98	99	98	83	52
11A»	CHA-021 4L	1.00	LAA 9	0	99	99	99	83	57
12A»	CHA-021 4L	2.00	LAA 9	0	99	99	99	93	68
13A»	CHA-016 3L	0.51	LAA 9	0	98	99	99	73	53
	B SENCOR 4 SC	0.17	LAA 9						
14A»	CHA-016 3L	0.75	LAA 9	0	99	99	99	76	58
	B SENCOR 4 SC	0.25	LAA 9						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A»	CHA-016 3L	0.75	LAA 9	0	99	99	99	84	55
	B SENCOR 4 SC	0.38	LAA 9						
17A	SENCOR 4 SC	0.38	LAA 9	0	67	80	83	40	30
18A»	CHA-016 3L	0.50	LAA 9	0	96	99	99	87	70
	B»DAWN 2L	0.25	LAA 9						
19A»	METRIBUZIN 75D	0.50	LAA 9	0	77	90	90	62	43
20A»	METRIBUZIN 75D	1.00	LAA 9	0	93	99	99	82	63
21A»	METRIBUZIN 75D	0.50	LAA 9	0	75	99	99	58	55
	B PROWL H2O 3.8	1.07	LAA 9						
22A	SENCOR 75WG	0.50	LAA 9	0	89	98	98	70	60
LSD (0.05)				0.00	4.90	4.34	4.20	9.93	8.06
STANDARD DEVIATION				0.00	2.45	2.17	2.10	5.00	4.00

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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	XANST	PHBPU
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/30/09	06/30/09	06/30/09	06/30/09	06/30/09	06/30/09
1A»	CHA-016 3L	0.38	LAA 9	0	86	87	72	37	30
2A»	CHA-016 3L	0.50	LAA 9	0	94	96	81	52	33
3A»	CHA-016 3L	0.75	LAA 9	0	94	99	87	65	45
4A»	CHA-019 4.5AE	0.75	LAA 9	0	94	99	91	67	48
5A»	CHA-019 4.5AE	0.94	LAA 9	0	99	99	93	70	48
6A»	CHA-019 4.5AE	1.13	LAA 9	0	99	99	98	83	57
7A»	CHA-019 4.5AE	1.50	LAA 9	0	99	99	99	80	53
8A»	CHA-019 4.5AE	2.26	LAA 9	0	99	99	99	96	65
9A»	CHA-021 4L	0.52	LAA 9	0	88	99	84	50	32
10A»	CHA-021 4L	0.68	LAA 9	0	93	99	94	58	37
11A»	CHA-021 4L	1.00	LAA 9	0	99	99	97	73	47
12A»	CHA-021 4L	2.00	LAA 9	0	99	99	99	95	62
13A»	CHA-016 3L	0.51	LAA 9	0	99	99	99	70	43
	B SENCOR 4 SC	0.17	LAA 9						
14A»	CHA-016 3L	0.75	LAA 9	0	99	99	99	75	50
	B SENCOR 4 SC	0.25	LAA 9						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A»	CHA-016 3L	0.75	LAA 9	0	99	99	99	85	55
	B SENCOR 4 SC	0.38	LAA 9						
17A	SENCOR 4 SC	0.38	LAA 9	0	48	91	82	37	30
18A»	CHA-016 3L	0.50	LAA 9	0	96	99	99	73	53
	B»DAWN 2L	0.25	LAA 9						
19A»	METRIBUZIN 75D	0.50	LAA 9	0	62	99	89	48	37
20A»	METRIBUZIN 75D	1.00	LAA 9	0	90	99	99	68	57
21A»	METRIBUZIN 75D	0.50	LAA 9	0	68	99	99	48	42
	B PROWL H2O 3.8	1.07	LAA 9						
22A	SENCOR 75WG	0.50	LAA 9	0	72	99	93	47	37
		LSD (0.05)		0.00	9.83	3.52	3.50	9.56	8.90
		STANDARD DEVIATION		0.00	4.91	1.76	1.75	4.78	4.45

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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	XANST	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/14/09	07/14/09	07/14/09	07/14/09
1A»	CHA-016 3L	0.38	LAA	9	0	89	88	62
2A»	CHA-016 3L	0.50	LAA	9	0	95	94	73
3A»	CHA-016 3L	0.75	LAA	9	0	98	99	91
4A»	CHA-019 4.5AE	0.75	LAA	9	0	99	99	81
5A»	CHA-019 4.5AE	0.94	LAA	9	0	99	99	93
6A»	CHA-019 4.5AE	1.13	LAA	9	0	99	99	99
7A»	CHA-019 4.5AE	1.50	LAA	9	0	99	99	99
8A»	CHA-019 4.5AE	2.26	LAA	9	0	99	99	99
9A»	CHA-021 4L	0.52	LAA	9	0	95	98	73
10A»	CHA-021 4L	0.68	LAA	9	0	99	99	87
11A»	CHA-021 4L	1.00	LAA	9	0	99	99	95
12A»	CHA-021 4L	2.00	LAA	9	0	99	99	99
13A»	CHA-016 3L	0.51	LAA	9	0	98	99	98
	B SENCOR 4 SC	0.17	LAA	9				60
14A»	CHA-016 3L	0.75	LAA	9	0	99	99	99
	B SENCOR 4 SC	0.25	LAA	9				68
15A	CHECK	0.00	NA	0	0	0	0	0
16A»	CHA-016 3L	0.75	LAA	9	0	99	99	99
	B SENCOR 4 SC	0.38	LAA	9				77
17A	SENCOR 4 SC	0.38	LAA	9	0	27	95	77
18A»	CHA-016 3L	0.50	LAA	9	0	87	99	99
	B»DAWN 2L	0.25	LAA	9				70
19A»	METRIBUZIN 75D	0.50	LAA	9	0	43	97	89
20A»	METRIBUZIN 75D	1.00	LAA	9	0	79	99	99
21A»	METRIBUZIN 75D	0.50	LAA	9	0	67	99	94
	B PROWL H2O 3.8	1.07	LAA	9				40
22A	SENCOR 75WG	0.50	LAA	9	0	60	98	90
								33
								37
		LSD (0.05)			0.00	9.46	2.65	6.00
		STANDARD DEVIATION			0.00	4.73	1.32	3.00
								11.75
								5.88
								6.28
								3.14

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 06/01/2009(1)

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 %	06/15/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/15/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/15/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/15/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Clomazone Combinations for Weed Control in Soybean. AS-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
005	XANST	CON %	06/15/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/15/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	06/30/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	06/30/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/30/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/30/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	06/30/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	06/30/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	GLXMA	CON %	07/14/2009	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	07/14/2009	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/14/2009	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	07/14/2009	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	XANST	CON %	07/14/2009	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	PHBPU	CON %	07/14/2009	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3402RR