

SOIL INFORMATION**TRIAL INFORMATION**

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 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	05/25/10	AME
AIR TEMPERATURE	89	F
% REL.HUMIDITY	47	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR	
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	/	IN
05/25/2010		

*** TIMING CODES**

09 = ----- / PREEMERGENCE

*** STAGE CODE**

01 = BEGINNING OF SEED IMBIBITION

TITLE: Clomazone Preemergence for Weed Control in RR Soy. AS-400
CREATED: 04/25/2010 **REVISED:** 07/30/2010 **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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/10/10	SETFA CON % 06/10/10	AMATA CON % 06/10/10	XANST CON % 06/10/10	PHBPU CON % 06/10/10	GLXMA CON % 06/29/10
1A»ALERT 3L	0.375	LAA	9	0	93	75	52	47	0
2A»ALERT 3L	0.50	LAA	9	0	95	86	63	55	0
3A»ALERT 3L	0.75	LAA	9	0	99	93	70	60	0
4A»ALERT 3L	1.00	LAA	9	0	99	97	79	78	0
5A»CHA-019 4.5AE	0.75	LAA	9	0	98	92	72	73	0
6A»CHA-019 4.5AE	1.13	LAA	9	0	99	98	89	78	0
7A»CHA-021 4L	1.00	LAA	9	0	99	98	90	81	0
8A»CHA-021 4L	1.50	LAA	9	0	99	99	93	82	0
9A»ALERT 3L	0.50	LAA	9	0	97	88	76	75	0
B»DAWN 2L	0.25	LAA	9						
10A»ALERT 3L	0.50	LAA	9	0	98	97	84	81	0
B»DAWN 2L	0.375	LAA	9						
11A»ALERT 3L	0.75	LAA	9	0	99	98	94	92	0
B»DAWN 2L	0.25	LAA	9						
12A CHECK	0.00	NA	0	0	0	0	0	0	0
13A»ALERT 3L	0.75	LAA	9	0	99	98	92	82	0
B»DAWN 2L	0.375	LAA	9						
14A»METRIBUZIN 4L	0.375	LAA	9	0	48	84	37	37	0
15A»DAWN 2L	0.375	LAA	9	0	53	92	40	40	0
16A COMMAND 3ME	0.50	LAA	9	0	99	91	68	60	0
LSD (0.05)				0.00	6.83	5.72	6.18	11.21	0.00
STANDARD DEVIATION				0.00	3.34	2.80	3.00	5.49	0.00

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REPS: 03

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1A»ALERT 3L	0.375	LAA	9	93	58	30	30	0	89
2A»ALERT 3L	0.50	LAA	9	96	63	40	30	0	93
3A»ALERT 3L	0.75	LAA	9	98	70	53	53	0	97
4A»ALERT 3L	1.00	LAA	9	99	78	75	68	0	99
5A»CHA-019 4.5AE	0.75	LAA	9	97	83	53	47	0	96
6A»CHA-019 4.5AE	1.13	LAA	9	99	89	72	55	0	99
7A»CHA-021 4L	1.00	LAA	9	99	91	71	58	0	99
8A»CHA-021 4L	1.50	LAA	9	99	96	80	65	0	99
9A»ALERT 3L	0.50	LAA	9	91	72	47	47	0	89
B»DAWN 2L	0.25	LAA	9						
10A»ALERT 3L	0.50	LAA	9	96	82	43	50	0	95
B»DAWN 2L	0.375	LAA	9						
11A»ALERT 3L	0.75	LAA	9	99	86	67	63	0	99
B»DAWN 2L	0.25	LAA	9						
12A CHECK	0.00	NA	0	0	0	0	0	0	0
13A»ALERT 3L	0.75	LAA	9	98	87	72	58	0	96
B»DAWN 2L	0.375	LAA	9						
14A»METRIBUZIN 4L	0.375	LAA	9	0	83	0	0	0	0
15A»DAWN 2L	0.375	LAA	9	35	93	33	53	0	23
16A COMMAND 3ME	0.50	LAA	9	97	70	40	27	0	93
LSD (0.05)				4.51	11.00	11.31	10.32	0.00	6.13
STANDARD DEVIATION				2.21	5.40	5.54	5.06	0.00	3.00

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1A»ALERT 3L	0.375	LAA	9	53	20	20
2A»ALERT 3L	0.50	LAA	9	58	33	30
3A»ALERT 3L	0.75	LAA	9	63	47	47
4A»ALERT 3L	1.00	LAA	9	77	60	53
5A»CHA-019 4.5AE	0.75	LAA	9	78	43	37
6A»CHA-019 4.5AE	1.13	LAA	9	86	63	53
7A»CHA-021 4L	1.00	LAA	9	88	65	50
8A»CHA-021 4L	1.50	LAA	9	94	75	58
9A»ALERT 3L	0.50	LAA	9	63	37	43
B»DAWN 2L	0.25	LAA	9			
10A»ALERT 3L	0.50	LAA	9	78	43	43
B»DAWN 2L	0.375	LAA	9			
11A»ALERT 3L	0.75	LAA	9	82	60	57
B»DAWN 2L	0.25	LAA	9			
12A CHECK	0.00	NA	0	0	0	0
13A»ALERT 3L	0.75	LAA	9	84	65	57
B»DAWN 2L	0.375	LAA	9			
14A»METRIBUZIN 4L	0.375	LAA	9	73	0	0
15A»DAWN 2L	0.375	LAA	9	89	23	43
16A COMMAND 3ME	0.50	LAA	9	62	30	27
LSD (0.05)				11.93	12.43	10.47
STANDARD DEVIATION				5.84	6.09	5.13

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/25/2010(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 %	06/10/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/10/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	06/10/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	XANST	CON %	06/10/2010	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/10/2010	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/29/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/29/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	06/29/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	XANST	CON %	06/29/2010	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/29/2010	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	GLXMA	CON %	07/14/2010	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/14/2010	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMATA	CON %	07/14/2010	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	XANST	CON %	07/14/2010	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	07/14/2010	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3402RR