

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

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/14/03	06/20/03	AME
AIR TEMPERATURE	73	68	F
% REL.HUMIDITY	35	40	
WIND DIRECTION	SOUTHWEST	NORTHEAST	
WIND SPEED	5.0	4.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
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	---	---	
DN/SG/MMZ			
*** CROP ***			
SOYBEAN		---/15	
ASGROW 3201 RR		10.0/10.0	IN
05/14/2003			
*** PEST ***			
CRABGRASS, LARGE		---/13	
		2.00/6.00	IN
FOXTAIL, GIANT		---/14	
		2.00/8.00	IN
FOXTAIL, YELLOW		---/14	
		2.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

13 = 3 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

TITLE: Clethodim Combinations for Weed Control in Soybean AS-100
CREATED: 05/06/2003 **REVISED:** 11/05/2003 **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 **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	SETFA	SETLU	DIGSA	GLXMA	SETFA
		RATE	UNIT		CON % 06/30/03	CON % 06/20/03	CON % 06/30/03	CON % 06/30/03	CON % 07/12/03	CON % 07/12/03
1A»	FIRSTRATE 84WG	0.032	LAA	9	0	23	13	7	0	80
B»	ARROW 2EC	0.063	LAA	12						
C»	COC	1.00	PMV	12						
2A»	FIRSTRATE 84WG	0.032	LAA	9	0	27	27	27	0	90
B»	ARROW 2EC	0.094	LAA	12						
C»	COC	1.00	PMV	12						
3A»	FIRSTRATE 84WG	0.032	LAA	9	0	98	98	98	0	92
B»	ARROW 2EC	0.125	LAA	12						
C»	COC	1.00	PMV	12						
4A»	FIRSTRATE 84WG	0.032	LAA	9	0	87	77	77	0	82
B	SELECT (2EC)	0.063	LAA	12						
C»	COC	1.00	PMV	12						
5A»	FIRSTRATE 84WG	0.032	LAA	9	0	96	96	96	0	88
B»	V-10117 1.88EC	6.00	ZMA	12						
C»	COC	1.00	PMV	12						
6A»	FIRSTRATE 84WG	0.032	LAA	9	0	97	97	97	0	97
B	SELECT (2EC)	0.094	LAA	12						
C»	COC	1.00	PMV	12						
7A»	FIRSTRATE 84WG	0.032	LAA	9	0	96	96	96	0	93
B	SELECT (2EC)	0.125	LAA	12						
C»	COC	1.00	PMV	12						
8A»	ARROW 2EC	0.094	LAA	12	12	99	99	99	0	96
B»	FLEXSTAR 1.88M	0.294	LAA	12						
C»	COC	1.00	PMV	12						
9A»	ARROW 2EC	0.125	LAA	12	13	99	99	99	0	97
B»	FLEXSTAR 1.88M	0.294	LAA	12						
C»	COC	1.00	PMV	12						
10A	SELECT (2EC)	0.094	LAA	12	17	99	99	99	0	98
B»	FLEXSTAR 1.88M	0.294	LAA	12						
C»	COC	1.00	PMV	12						
11A	SELECT (2EC)	0.125	LAA	12	7	99	99	99	0	97
B»	FLEXSTAR 1.88M	0.294	LAA	12						
C»	COC	1.00	PMV	12						
12A»	ARROW 2EC	0.094	LAA	12	0	99	99	99	0	75
B»	RAPTOR 1AS	0.039	LAA	12						
C»	COC	1.00	PMV	12						
13A»	ARROW 2EC	0.125	LAA	12	0	94	94	94	0	86
B»	RAPTOR 1AS	0.039	LAA	12						
C»	COC	1.00	PMV	12						
14A	SELECT (2EC)	0.094	LAA	12	0	88	88	92	0	82
B»	RAPTOR 1AS	0.039	LAA	12						
C»	COC	1.00	PMV	12						
15A	SELECT (2EC)	0.125	LAA	12	0	94	94	94	0	88
B»	RAPTOR 1AS	0.039	LAA	12						
C»	COC	1.00	PMV	12						
16A	CHECK	0.00	NA	0	0	0	0	0	0	0
17A»	ARROW 2EC	0.094	LAA	12	0	93	93	93	0	97
B»	FIRSTRATE 84WG	0.016	LAA	12						
C»	COC	1.00	PMV	12						
18A»	ARROW 2EC	0.125	LAA	12	0	96	96	96	0	98
B»	FIRSTRATE 84WG	0.016	LAA	12						
C»	COC	1.00	PMV	12						

TITLE: Clethodim Combinations for Weed Control in Soybean AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	SETFA	SETLU	DIGSA	GLXMA	SETFA
		RATE	UNIT	TM	CON % 06/30/03	CON % 06/20/03	CON % 06/30/03	CON % 06/30/03	CON % 07/12/03	CON % 07/12/03
19A	SELECT (2EC)	0.094	LAA	12	0	94	94	94	0	92
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»COC	1.00	PMV	12						
20A	SELECT (2EC)	0.125	LAA	12	0	98	98	98	0	96
	B»FIRSTRATE 84WG	0.016	LAA	12						
	C»COC	1.00	PMV	12						
		LSD (0.05)			2.23	4.82	4.82	5.42	0.00	5.72
		STANDARD DEVIATION			1.10	2.38	2.38	2.68	0.00	2.83

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETLU	DIGSA
		RATE	UNIT		CON % 07/12/03	CON % 07/12/03
1A»	FIRSTRATE 84WG	0.032	LAA 9		88	88
B»	ARROW 2EC	0.063	LAA 12			
C»	COC	1.00	PMV 12			
2A»	FIRSTRATE 84WG	0.032	LAA 9		90	90
B»	ARROW 2EC	0.094	LAA 12			
C»	COC	1.00	PMV 12			
3A»	FIRSTRATE 84WG	0.032	LAA 9		92	92
B»	ARROW 2EC	0.125	LAA 12			
C»	COC	1.00	PMV 12			
4A»	FIRSTRATE 84WG	0.032	LAA 9		87	87
B	SELECT (2EC)	0.063	LAA 12			
C»	COC	1.00	PMV 12			
5A»	FIRSTRATE 84WG	0.032	LAA 9		88	88
B»	V-10117 1.88EC	6.00	ZMA 12			
C»	COC	1.00	PMV 12			
6A»	FIRSTRATE 84WG	0.032	LAA 9		97	97
B	SELECT (2EC)	0.094	LAA 12			
C»	COC	1.00	PMV 12			
7A»	FIRSTRATE 84WG	0.032	LAA 9		93	93
B	SELECT (2EC)	0.125	LAA 12			
C»	COC	1.00	PMV 12			
8A»	ARROW 2EC	0.094	LAA 12		96	96
B»	FLEXSTAR 1.88M	0.294	LAA 12			
C»	COC	1.00	PMV 12			
9A»	ARROW 2EC	0.125	LAA 12		97	97
B»	FLEXSTAR 1.88M	0.294	LAA 12			
C»	COC	1.00	PMV 12			
10A	SELECT (2EC)	0.094	LAA 12		98	98
B»	FLEXSTAR 1.88M	0.294	LAA 12			
C»	COC	1.00	PMV 12			
11A	SELECT (2EC)	0.125	LAA 12		97	97
B»	FLEXSTAR 1.88M	0.294	LAA 12			
C»	COC	1.00	PMV 12			
12A»	ARROW 2EC	0.094	LAA 12		75	75
B»	RAPTOR 1AS	0.039	LAA 12			
C»	COC	1.00	PMV 12			
13A»	ARROW 2EC	0.125	LAA 12		86	86
B»	RAPTOR 1AS	0.039	LAA 12			
C»	COC	1.00	PMV 12			
14A	SELECT (2EC)	0.094	LAA 12		82	82
B»	RAPTOR 1AS	0.039	LAA 12			
C»	COC	1.00	PMV 12			
15A	SELECT (2EC)	0.125	LAA 12		88	88
B»	RAPTOR 1AS	0.039	LAA 12			
C»	COC	1.00	PMV 12			
16A	CHECK	0.00	NA 0		0	0
17A»	ARROW 2EC	0.094	LAA 12		97	97
B»	FIRSTRATE 84WG	0.016	LAA 12			
C»	COC	1.00	PMV 12			
18A»	ARROW 2EC	0.125	LAA 12		98	98
B»	FIRSTRATE 84WG	0.016	LAA 12			
C»	COC	1.00	PMV 12			

TITLE: Clethodim Combinations for Weed Control in Soybean AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETLU CON % 07/12/03	DIGSA CON % 07/12/03
19A	SELECT (2EC)	0.094	LAA	12	92	92
	B>FIRSTRATE 84WG	0.016	LAA	12		
	C>COC	1.00	PMV	12		
20A	SELECT (2EC)	0.125	LAA	12	95	96
	B>FIRSTRATE 84WG	0.016	LAA	12		
	C>COC	1.00	PMV	12		
LSD (0.05)					5.57	5.54
STANDARD DEVIATION					2.76	2.74

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/14/2003(1)
 12 = ----- / POST 06/20/2003(2)

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 %	06/30/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/20/2003	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETLU	CON %	06/30/2003	03	P	SETLU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	DIGSA	CON %	06/30/2003	04	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/12/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	07/12/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETLU	CON %	07/12/2003	03	P	SETLU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	DIGSA	CON %	07/12/2003	04	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3201 RR

* STAGE CODE

14 = 4 LEAVES UNFOLDED