

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.8
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 20 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	06/03/04	AME
AIR TEMPERATURE	49	F
% REL.HUMIDITY	77	
WIND DIRECTION	NORTHEAST	
WIND SPEED	2.0	M/H
CLOUD COVER	CLEAR	
DEW	YES	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	10.00	
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	
*** PEST ***		
VELVETLEAF	---/17 2.00/8.00	IN
LAMBSQUARTERS, C	---/19 4.00/8.00	IN
FOXTAIL, GIANT	---/14 4.00/10.0	IN

* TIMING CODES

13 = ----- / LPOST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Cool Weather Lambsquarter Control in Roundup-Ready Corn III. AS-500
CREATED: 06/02/2004 **REVISED:** 08/25/2004 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 20.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	ABUTH	SETFA	CHEAL	ABUTH
		RATE	UNIT		CON % 06/09/04	CON % 06/09/04	CON % 06/09/04	CON % 06/17/04	CON % 06/17/04	CON % 06/17/04
1A»	WEATHERMAX 4.5	0.56	LAA	13	99	91	87	99	92	86
B»	LIQUID AMS	5.00	PMV	13						
2A»	WEATHERMAX 4.5	0.56	LAA	13	99	89	81	99	91	77
3A»	WEATHERMAX 4.5	1.12	LAA	13	99	97	93	99	98	97
B»	LIQUID AMS	5.00	PMV	13						
4A»	RDUP ORIG MAX	0.56	LAA	13	99	93	84	99	92	82
B»	ACTIVATOR 90	0.25	PMV	13						
C»	LIQUID AMS	5.00	PMV	13						
5A»	TOUCHDN IQ 3AE	0.56	LAA	13	99	89	85	99	97	83
B»	LIQUID AMS	5.00	PMV	13						
6A»	TOUCHDN TOTAL	0.56	LAA	13	99	88	84	99	93	78
B»	LIQUID AMS	5.00	PMV	13						
7A»	CLEAROUT 41 PL	0.56	LAA	13	99	80	81	99	88	79
B»	LIQUID AMS	5.00	PMV	13						
8A»	GLYPHOMAX PLUS	0.56	LAA	13	99	83	82	99	84	75
B»	LIQUID AMS	5.00	PMV	13						
9A»	GLYSTAR PLUS 3	0.56	LAA	13	99	74	78	99	86	77
B»	LIQUID AMS	5.00	PMV	13						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A»	WEATHERMAX 4.5	0.56	LAA	13	99	93	89	98	88	80
B»	HARMONY GT 75W	0.0025	LAA	13						
12A»	CALLISTO 4SC	0.05	LAA	13	0	75	95	0	81	99
B	ATRAZINE DF	0.50	LAA	13						
C»	COC	1.00	PMV	13						
D»	LIQUID AMS	5.00	PMV	13						
LSD (0.05)					0.00	6.15	3.25	1.13	5.75	7.00
STANDARD DEVIATION					0.00	3.00	1.57	0.544	2.77	3.36

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 20.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE	SETFA	CHEAL	ABUTH	
NUM	COMPONENT	RATE	CON %	CON %	CON %	
		UNIT	06/28/04	06/28/04	06/28/04	
1A	WEATHERMAX 4.5	0.56	LAA 13	99	92	83
B	LIQUID AMS	5.00	PMV 13			
2A	WEATHERMAX 4.5	0.56	LAA 13	99	87	77
3A	WEATHERMAX 4.5	1.12	LAA 13	99	98	98
B	LIQUID AMS	5.00	PMV 13			
4A	RDUP ORIG MAX	0.56	LAA 13	99	90	89
B	ACTIVATOR 90	0.25	PMV 13			
C	LIQUID AMS	5.00	PMV 13			
5A	TOUCHDN IQ 3AE	0.56	LAA 13	99	85	75
B	LIQUID AMS	5.00	PMV 13			
6A	TOUCHDN TOTAL	0.56	LAA 13	99	87	77
B	LIQUID AMS	5.00	PMV 13			
7A	CLEAROUT 41 PL	0.56	LAA 13	99	86	78
B	LIQUID AMS	5.00	PMV 13			
8A	GLYPHOMAX PLUS	0.56	LAA 13	99	78	75
B	LIQUID AMS	5.00	PMV 13			
9A	GLYSTAR PLUS 3	0.56	LAA 13	99	85	79
B	LIQUID AMS	5.00	PMV 13			
10A	CHECK	0.00	NA 0	0	0	0
11A	WEATHERMAX 4.5	0.56	LAA 13	99	87	90
B	HARMONY GT 75W	0.0025	LAA 13			
12A	CALLISTO 4SC	0.05	LAA 13	0	73	99
B	ATRAZINE DF	0.50	LAA 13			
C	COC	1.00	PMV 13			
D	LIQUID AMS	5.00	PMV 13			
		LSD (0.05)		0.00	5.14	5.43
		STANDARD DEVIATION		0.00	2.48	2.62

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 13 = ----- / LPOST 06/03/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	SETFA	CON %	06/09/2004	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	06/09/2004	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/09/2004	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	06/17/2004	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/17/2004	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ABUTH	CON %	06/17/2004	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/28/2004	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	06/28/2004	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/28/2004	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N