

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 15 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	13	
TYPE	LIQMIX	
APPLICATION DATE	05/25/04	AME
AIR TEMPERATURE	59	F
% REL.HUMIDITY	45	
WIND DIRECTION	NORTH	
WIND SPEED	4.0	M/H
CLOUD COVER	CLOUDY	
DEW	NO	
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	20.00	
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	---/18 4.00/10.0	IN
WATERHEMP, COMMO	---/19 4.00/12.0	IN
LAMBSQUARTERS, C	---/19 6.00/18.0	IN
SMARTWEED, PENNS	---/19 4.00/12.0	IN
FOXTAIL, GIANT	---/14 4.00/12.0	IN

* TIMING CODES

13 = ----- / LPOST

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Cool Weather Lambsquarter Control in Roundup-Ready Corn II. AS-500
CREATED: 05/25/2004 **REVISED:** 01/07/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 15.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	POLPY	AMATA	ABUTH	SETFA
		RATE	UNIT		CON % 06/04/04	CON % 06/04/04	CON % 06/04/04	CON % 06/04/04	CON % 06/04/04	CON % 06/17/04
1A»	WEATHERMAX 4.5	0.56	LAA 13		99	93	75	69	72	99
B»	LIQUID AMS	5.00	PMV 13							
2A»	WEATHERMAX 4.5	0.56	LAA 13		98	88	82	73	75	99
3A»	WEATHERMAX 4.5	1.12	LAA 13		99	99	96	95	94	99
B»	LIQUID AMS	5.00	PMV 13							
4A»	RDUP ORIG MAX	0.56	LAA 13		98	96	75	67	65	99
B»	ACTIVATOR 90	0.25	PMV 13							
C»	LIQUID AMS	5.00	PMV 13							
5A»	TOUCHDN IQ 3AE	0.56	LAA 13		99	87	75	67	67	99
B»	LIQUID AMS	5.00	PMV 13							
6A»	TOUCHDN TOTAL	0.56	LAA 13		99	89	77	72	68	99
B»	LIQUID AMS	5.00	PMV 13							
7A»	CLEAROUT 41 PL	0.56	LAA 13		98	78	65	67	60	99
B»	LIQUID AMS	5.00	PMV 13							
8A»	GLYPHOMAX PLUS	0.56	LAA 13		99	77	65	58	57	99
B»	LIQUID AMS	5.00	PMV 13							
9A»	GLYSTAR PLUS 3	0.56	LAA 13		98	91	67	62	63	99
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		97	60	57	43	57	99
B»	HARMONY GT 75W	0.0025	LAA 13							
12A»	CALLISTO 4SC	0.05	LAA 13		7	85	92	94	99	0
B	ATRAZINE DF	0.50	LAA 13							
C»	COC	1.00	PMV 13							
D»	LIQUID AMS	5.00	PMV 13							
LSD (0.05)					6.00	9.32	11.00	12.79	11.67	0.00
STANDARD DEVIATION					2.87	4.49	5.30	6.17	5.63	0.00

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TRT	TREATMENT	DOSAGE	CHEAL	POLPY	AMATA	ABUTH	
NUM	COMPONENT	RATE	CON %	CON %	CON %	CON %	
		UNIT	06/17/04	06/17/04	06/17/04	06/17/04	
1A»	WEATHERMAX 4.5	0.56	LAA 13	85	80	58	57
B»	LIQUID AMS	5.00	PMV 13				
2A»	WEATHERMAX 4.5	0.56	LAA 13	68	63	50	47
3A»	WEATHERMAX 4.5	1.12	LAA 13	98	93	93	90
B»	LIQUID AMS	5.00	PMV 13				
4A»	RDUP ORIG MAX	0.56	LAA 13	78	72	58	57
B»	ACTIVATOR 90	0.25	PMV 13				
C»	LIQUID AMS	5.00	PMV 13				
5A»	TOUCHDN IQ 3AE	0.56	LAA 13	78	78	62	60
B»	LIQUID AMS	5.00	PMV 13				
6A»	TOUCHDN TOTAL	0.56	LAA 13	63	64	53	53
B»	LIQUID AMS	5.00	PMV 13				
7A»	CLEAROUT 41 PL	0.56	LAA 13	63	50	50	47
B»	LIQUID AMS	5.00	PMV 13				
8A»	GLYPHOMAX PLUS	0.56	LAA 13	65	63	58	55
B»	LIQUID AMS	5.00	PMV 13				
9A»	GLYSTAR PLUS 3	0.56	LAA 13	53	50	50	47
B»	LIQUID AMS	5.00	PMV 13				
10A	CHECK	0.00	NA 0	0	0	0	0
11A»	WEATHERMAX 4.5	0.56	LAA 13	55	53	30	75
B»	HARMONY GT 75W	0.0025	LAA 13				
12A»	CALLISTO 4SC	0.05	LAA 13	80	86	90	99
B	ATRAZINE DF	0.50	LAA 13				
C»	COC	1.00	PMV 13				
D»	LIQUID AMS	5.00	PMV 13				
		LSD (0.05)		11.88	14.27	16.16	6.49
		STANDARD DEVIATION		5.73	6.88	7.79	3.13

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 13 = ----- / LPOST 05/25/2004(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	SETFA	CON %	06/04/2004	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	06/04/2004	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY	CON %	06/04/2004	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/04/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/04/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	06/17/2004	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	06/17/2004	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY	CON %	06/17/2004	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/17/2004	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ABUTH	CON %	06/17/2004	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N