

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 4.8
 PREV.CROP: GLXMA - soybean;soya bean;soybean
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 4

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQUID MI	
APPLICATION DATE	05/20/16	AME
TIME - BEGIN	10:30	24H
TIME - END	11:00	24H
AIR TEMPERATURE	63	F
% REL.HUMIDITY	50	
WIND DIRECTION	EAST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLOUDY~~6	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	60/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	SPECIAL	
NOZZLE DESCRIPTION	AIXR11002	
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE	50	
SCREEN SZ DESC	MES	
SWATH WIDTH	10.0	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.430	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	15.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	TO BE SEL	
FOLIAGE HEIGHT		FT
FOLIAGE WIDTH		FT
ROW WIDTH		FT
SPRAY VOL LWA/TRV		
S VOL LWA/TRV UNIT		
LEAF WALL AREA		M2H
TREE ROW VOLUME		M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST *		
P, common lambsquar	---/19 1.00/12.0	IN

* TIMING CODES

12 = --- / POST

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: OR0-AGRI evaluation of OR 009 and OR 108G on Lambsquarters. C-500
CREATED: 05/10/2016 **REVISED:** 08/25/2016 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 04

TRT	TREATMENT	DOSAGE			CHEAL	CHEAL	CHEAL	CHEAL	CHEAL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/23/16	05/25/16	05/27/16	06/03/16	06/10/16
1A»	RNDUP POWERMAX	0.563	LAA	12	6	7	8	50	33
B»	LIQUID AMS	2.50	PMV	12					
2A»	RNDUP POWERMAX	0.563	LAA	12	5	8	21	75	46
B»	LIQUID AMS	2.50	PMV	12					
C»	OR 009	0.25	PMV	12					
3A»	RNDUP POWERMAX	0.563	LAA	12	6	8	26	78	54
B»	LIQUID AMS	2.50	PMV	12					
C»	OR 009	0.40	PMV	12					
4A	CHECK	0.00	NA	0	0	0	0	0	0
5A»	RNDUP POWERMAX	0.563	LAA	12	7	7	16	44	48
B»	LIQUID AMS	2.50	PMV	12					
C»	COC	0.25	PMV	12					
6A»	RNDUP POWERMAX	0.563	LAA	12	9	7	22	49	29
B»	LIQUID AMS	2.50	PMV	12					
C»	COC	1.00	PMV	12					
7A»	RNDUP POWERMAX	0.563	LAA	12	6	7	13	51	36
B»	LIQUID AMS	2.50	PMV	12					
C»	NIS 90	0.25	PMV	12					
8A»	RNDUP POWERMAX	0.563	LAA	12	9	7	13	53	55
B»	LIQUID AMS	2.50	PMV	12					
C»	NIS 90	0.50	PMV	12					
9A»	RNDUP POWERMAX	0.563	LAA	12	8	7	9	62	18
B»	LIQUID AMS	2.50	PMV	12					
C»	CPUX1	0.25	PMV	12					
10A»	RNDUP POWERMAX	0.563	LAA	12	10	8	14	65	24
B»	LIQUID AMS	2.50	PMV	12					
C»	CPUX1	1.00	PMV	12					
11A»	RNDUP POWERMAX	0.563	LAA	12	6	6	17	62	38
B»	LIQUID AMS	2.50	PMV	12					
C»	CSUX1	0.25	PMV	12					
12A»	RNDUP POWERMAX	0.563	LAA	12	7	7	28	72	41
B»	LIQUID AMS	2.50	PMV	12					
C»	CSUX1	0.50	PMV	12					
13A»	RNDUP POWERMAX	0.563	LAA	12	8	9	41	74	59
B»	LIQUID AMS	2.50	PMV	12					
C»	OR 108G	0.10	PMV	12					
14A»	RNDUP POWERMAX	0.563	LAA	12	7	16	44	78	68
B»	LIQUID AMS	2.50	PMV	12					
C»	OR 108G	0.25	PMV	12					
15A»	RNDUP POWERMAX	0.563	LAA	12	6	12	47	78	85
B»	LIQUID AMS	2.50	PMV	12					
C»	OR 108G	0.50	PMV	12					
LSD (0.05)					3.9	3.6	4.1	4.2	13.7
STANDARD DEVIATION					1.9	1.8	2.1	2.1	6.9

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = --- / UNTREATED TIMING
 12 = --- / POST 05/20/2016(1)

TITLE: OR0-AGRI evaluation of OR 009 and OR 108G on Lambsquarters. C-500

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECI	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	CHEAL	CON %	05/23/2016	01	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	05/25/2016	01	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/27/2016	01	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/03/2016	01	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/10/2016	01	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N