

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.8  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 34 FEET  
 PLOT AREA: 255 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	12	14	15	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/03/10	05/19/10	06/01/10	AME
AIR TEMPERATURE	70	68	84	F
% REL.HUMIDITY	42	38	38	
WIND DIRECTION	WEST	NORTHEAST	SOUTHEAST	
WIND SPEED	7.0	5.0	3.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	PARTCLDY	
DEW	NO	NO	---	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	15.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** PEST ***				
LAMBSQUARTERS, C	---/10	---/20	---/26	
	3.00/4.00	18.0/22.0	16.0/18.0	IN

## \* TIMING CODES

12 = ----- / POST  
 14 = ----- / VLPOST  
 15 = ----- / PO.DIRECTED

## \* STAGE CODE

10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED  
 20 = SIDE SHOOT / TILLER DEVELOPMENT  
 26 = 6 SIDE SHOOT/TILLERS VISIBLE

**TITLE:** Co. Lambsquarters Control with Glyphosate and 2 G.P.A. rates. C-200  
**CREATED:** 04/08/2010 **REVISED:** 11/12/2010 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** Urbana **RESEARCHED BY:** UNIV. OF ILL  
**DESIGN:** RANDOMIZED COMPLETE BLOCK DESIGN  
**PLOT SIZE:** 7.50 FT WIDE X 34.00 FT LONG  
**PLOT AREA:** 255.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			CHEAL	CHEAL	CHEAL
		RATE	UNIT	TM	14 DAT 05/03/10	28 DAT 05/19/10	42 DAT 06/01/10
1A»	RNDUP POWERMAX	0.75	LAA	12	98	99	99
	B»LIQUID AMS	2.50	PMV	12			
	C»5 GPA	0.00	NA	0			
2A»	RNDUP POWERMAX	0.75	LAA	14	99	99	99
	B»LIQUID AMS	2.50	PMV	14			
	C»5 GPA	0.00	NA	0			
3A»	RNDUP POWERMAX	0.75	LAA	15	98	99	99
	B»LIQUID AMS	2.50	PMV	15			
	C»5 GPA	0.00	NA	0			
4A»	RNDUP POWERMAX	0.75	LAA	12	93	99	99
	B»LIQUID AMS	2.50	PMV	12			
	C»15 GPA	0.00	NA	0			
5A»	RNDUP POWERMAX	0.75	LAA	14	99	99	99
	B»LIQUID AMS	2.50	PMV	14			
	C»15 GPA	0.00	NA	0			
6A»	RNDUP POWERMAX	0.75	LAA	15	99	99	99
	B»LIQUID AMS	2.50	PMV	15			
	C»15 GPA	0.00	NA	0			
7A»	RNDUP POWERMAX	0.75	LAA	12	96	99	99
	B RAPTOR 1SL	0.039	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
	D»5 GPA	0.00	NA	0			
8A»	RNDUP POWERMAX	0.75	LAA	14	98	99	99
	B RAPTOR 1SL	0.039	PMV	14			
	C»LIQUID AMS	2.50	PMV	14			
	D»5 GPA	0.00	NA	0			
9A»	RNDUP POWERMAX	0.75	LAA	12	97	99	99
	B RAPTOR 1SL	0.039	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
	D»15 GPA	0.00	NA	0			
10A»	RNDUP POWERMAX	0.75	LAA	14	99	99	99
	B RAPTOR 1SL	0.039	PMV	14			
	C»LIQUID AMS	2.50	PMV	14			
	D»15 GPA	0.00	NA	0			
11A»	RNDUP POWERMAX	0.75	LAA	12	95	99	99
	B»HARMONY 50SG	0.004	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
	D»5 GPA	0.00	NA	0			
12A»	RNDUP POWERMAX	0.75	LAA	14	99	99	99
	B»HARMONY 50SG	0.004	LAA	14			
	C»LIQUID AMS	2.50	PMV	14			
	D»5 GPA	0.00	NA	0			
13A»	RNDUP POWERMAX	0.75	LAA	12	97	99	99
	B»HARMONY 50SG	0.004	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
	D»15 GPA	0.00	NA	0			
14A»	RNDUP POWERMAX	0.75	LAA	14	99	99	99
	B»HARMONY 50SG	0.004	LAA	14			
	C»LIQUID AMS	2.50	PMV	14			
	D»15 GPA	0.00	NA	0			
		LSD (0.05)			3.59	0.00	0.00
		STANDARD DEVIATION			1.75	0.00	0.00

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = ----- / UNTREATED TIMING  
 12 = ----- / POST 05/03/2010(1)  
 14 = ----- / VLPOST 05/19/2010(2)  
 15 = ----- / PO.DIRECTED 06/01/2010(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	CHEAL	14 DAT	05/03/2010	01	P	CHEAL	10	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	28 DAT	05/19/2010	01	P	CHEAL	20	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	42 DAT	06/01/2010	01	P	CHEAL	26	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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