

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET
 PLOT AREA: 250 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/18/09	AME
AIR TEMPERATURE	80	F
% REL.HUMIDITY	63	
WIND DIRECTION	SOUTH	
WIND SPEED	10.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/12	
VARIETIES	6.00/6.00	IN
05/22/2009		
*** PEST ***		
WATERHEMP, COMMO	---/18	
	1.00/8.00	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Glyphosate / lactofen combinations with AMS, COC, or both. South
CREATED: 05/14/2009 **REVISED:** 08/25/2009 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Gly Res WH - South **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 25.00 FT LONG
PLOT AREA: 250.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			AMATA	AMATA	AMATA
		RATE	UNIT	TM	CON % 06/24/09	CON % 07/02/09	CON % 07/09/09
1A»	RNDUP POWERMAX	0.75	LAA	12	30	32	30
2A»	RNDUP POWERMAX	0.75	LAA	12	32	32	33
	B»LIQUID AMS	2.50	PMV	12			
3A»	RNDUP POWERMAX	0.75	LAA	12	32	27	27
	B»COC	1.00	PMV	12			
4A»	RNDUP POWERMAX	0.75	LAA	12	30	28	27
	B»COC	1.00	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
5A	COBRA 2EC	0.094	LAA	12	63	33	23
6A	COBRA 2EC	0.094	LAA	12	68	38	40
	B»LIQUID AMS	2.50	PMV	12			
7A	COBRA 2EC	0.094	LAA	12	82	58	43
	B»COC	1.00	PMV	12			
8A	COBRA 2EC	0.094	LAA	12	78	60	52
	B»COC	1.00	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
9A	COBRA 2EC	0.188	LAA	12	73	60	43
10A	COBRA 2EC	0.188	LAA	12	82	62	50
	B»LIQUID AMS	2.50	PMV	12			
11A	COBRA 2EC	0.188	LAA	12	82	58	57
	B»COC	1.00	PMV	12			
12A	COBRA 2EC	0.188	LAA	12	82	63	53
	B»COC	1.00	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
13A»	RNDUP POWERMAX	0.75	LAA	12	83	48	57
	B COBRA 2EC	0.094	LAA	12			
14A»	RNDUP POWERMAX	0.75	LAA	12	80	65	62
	B COBRA 2EC	0.094	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
15A»	RNDUP POWERMAX	0.75	LAA	12	82	63	60
	B COBRA 2EC	0.094	LAA	12			
	C»COC	1.00	PMV	12			
16A»	RNDUP POWERMAX	0.75	LAA	12	90	67	68
	B COBRA 2EC	0.094	LAA	12			
	C»COC	1.00	PMV	12			
	D»LIQUID AMS	2.50	PMV	12			
17A»	RNDUP POWERMAX	0.75	LAA	12	83	63	53
	B COBRA 2EC	0.188	LAA	12			
18A»	RNDUP POWERMAX	0.75	LAA	12	83	68	62
	B COBRA 2EC	0.188	LAA	12			
	C»LIQUID AMS	2.50	PMV	12			
19A»	RNDUP POWERMAX	0.75	LAA	12	88	70	65
	B COBRA 2EC	0.188	LAA	12			
	C»COC	1.00	PMV	12			
20A»	RNDUP POWERMAX	0.75	LAA	12	92	67	67
	B COBRA 2EC	0.188	LAA	12			
	C»COC	1.00	PMV	12			
	D»LIQUID AMS	2.50	PMV	12			

TITLE: Glyphosate / lactofen combinations with AMS, COC, or both. South
 LSD (0.05) 4.63 7.41 7.66
 STANDARD DEVIATION 2.29 3.67 3.79

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/18/2009(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
002	AMATA	CON %	06/24/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/02/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/09/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N