

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	02	03	UNIT
TIMINGS	09	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/01/09	06/11/09	06/18/09	AME
AIR TEMPERATURE	86	84	80	F
% REL.HUMIDITY	45	44	63	
WIND DIRECTION	WEST	SOUTHWEST	SOUTH	
WIND SPEED	7.0	1.0	12.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	PARTCLDY	
DEW	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
	DEN/ STG/ MINMAXSZ			
*** CROP ***				
CORN, DENT		---/11	---/12	
VARIETIES		3.00/3.00	6.00/6.00	IN
05/22/2009				
*** PEST ***				
WATERHEMP, COMMO		---/15	---/19	
		1.00/6.00	1.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST
 13 = ----- / LPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Tank-mix combinations for weed control in soybean. South
CREATED: 05/13/2009 **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	TREATMENT	DOSAGE			AMATA	AMATA	AMATA	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/18/09	06/26/09	07/02/09	07/09/09
1A»	RNDUP POWERMAX	0.75	LAA	12	23	40	30	C
B»	LIQUID AMS	5.00	PMV	12				
2A»	RNDUP POWERMAX	1.125	LAA	12	30	40	30	C
B»	LIQUID AMS	5.00	PMV	12				
3A»	RNDUP POWERMAX	1.50	LAA	12	42	40	30	C
B»	LIQUID AMS	5.00	PMV	12				
4A»	RNDUP POWERMAX	0.75	LAA	12	30	40	40	C
B»	LIQUID AMS	5.00	PMV	12				
C»	RNDUP POWERMAX	0.75	LAA	13				
D»	LIQUID AMS	5.00	PMV	13				
5A»	RNDUP POWERMAX	1.125	LAA	12	42	40	53	C
B»	LIQUID AMS	5.00	PMV	12				
C»	RNDUP POWERMAX	1.125	LAA	13				
D»	LIQUID AMS	5.00	PMV	13				
6A»	RNDUP POWERMAX	0.75	LAA	12	96	75	70	C
B	COBRA 2EC	0.094	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
7A»	RNDUP POWERMAX	0.75	LAA	12	98	92	82	C
B	COBRA 2EC	0.188	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
8A»	RNDUP POWERMAX	0.75	LAA	12	93	63	62	C
B	FLEXSTAR 1.88	0.147	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
9A»	RNDUP POWERMAX	0.75	LAA	12	96	78	72	C
B	FLEXSTAR 1.88	0.294	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
10A»	RNDUP POWERMAX	0.75	LAA	12	57	43	37	C
B	RESOURCE (0.86	0.027	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
11A»	RNDUP POWERMAX	0.75	LAA	12	80	53	43	C
B	RESOURCE (0.86	0.054	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
12A»	RNDUP POWERMAX	0.75	LAA	12	23	33	33	C
B	PURSUIT 2SL	0.054	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
13A»	RNDUP POWERMAX	0.75	LAA	12	33	33	33	C
B»	SYNCHRONY XP 2	0.0067	LAA	12				
C»	LIQUID AMS	5.00	PMV	12				
14A»	RNDUP POWERMAX	0.75	LAA	13	C	37	33	40
B»	LIQUID AMS	5.00	PMV	13				
15A»	RNDUP POWERMAX	1.125	LAA	13	C	57	50	60
B»	LIQUID AMS	5.00	PMV	13				
16A»	RNDUP POWERMAX	1.50	LAA	13	C	63	52	62
B»	LIQUID AMS	5.00	PMV	13				
17A»	RNDUP POWERMAX	0.75	LAA	13	C	88	77	77
B	COBRA 2EC	0.094	LAA	13				
C»	LIQUID AMS	5.00	PMV	13				
18A»	RNDUP POWERMAX	0.75	LAA	13	C	93	92	92
B	COBRA 2EC	0.188	LAA	13				
C»	LIQUID AMS	5.00	PMV	13				

TITLE: Tank-mix combinations for weed control in soybean. South

TRT	TREATMENT	DOSAGE	AMATA	AMATA	AMATA	AMATA		
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/18/09	06/26/09	07/02/09	07/09/09
19A»	RNDUP POWERMAX	0.75	LAA	13	C	90	80	78
	B FLEXSTAR 1.88	0.147	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
20A»	RNDUP POWERMAX	0.75	LAA	13	C	90	82	87
	B FLEXSTAR 1.88	0.294	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
21A»	RNDUP POWERMAX	0.75	LAA	13	C	43	37	43
	B RESOURCE (0.86	0.027	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
22A»	RNDUP POWERMAX	0.75	LAA	13	C	55	53	53
	B RESOURCE (0.86	0.054	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
23A»	RNDUP POWERMAX	0.75	LAA	13	C	45	55	43
	B PURSUIT 2SL	0.054	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
24A»	RNDUP POWERMAX	0.75	LAA	13	C	38	57	48
	B»SYNCHRONY XP 2	0.0067	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
25A»	SONIC 70DF	0.131	LAA	9	99	99	99	90
	B»RNDUP POWERMAX	0.75	LAA	13				
	C»LIQUID AMS	5.00	PMV	13				
26A	CHECK	0.00	NA	0	0	0	0	0
		LSD (0.05)			10.53	8.72	10.00	4.59
		STANDARD DEVIATION			5.27	4.36	5.00	2.30

» = SUPPLEMENTAL CHEMICAL

---,M,C,D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 06/01/2009(1)
 12 = ----- / POST 06/11/2009(2)
 13 = ----- / LPOST 06/18/2009(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	AMATA	CON %	06/18/2009	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/26/2009	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

* STAGE CODE

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