

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

TITLE: Glyphosate-Resistant Waterhemp Control in Liberty-Link Soybean. 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	TREATMENT	DOSAGE			AMATA	AMATA	AMATA	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/18/09	06/24/09	07/09/09	07/17/09
1A	VALOR 51WG	0.064	LAA	9	C	63	99	87
	B»IGNITE 2.33SL	0.40	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
	D»IGNITE 2.33SL	0.40	LAA	13				
	E»LIQUID AMS	2.50	PMV	13				
2A	VALOR 51WG	0.064	LAA	9	C	62	99	93
	B»IGNITE 2.33SL	0.66	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
3A»	AUTHOR. FIRST	0.175	LAA	9	C	83	99	95
	B»IGNITE 2.33SL	0.40	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
	D»IGNITE 2.33SL	0.40	LAA	13				
	E»LIQUID AMS	2.50	PMV	13				
4A»	AUTHOR. FIRST	0.175	LAA	9	C	83	99	95
	B»IGNITE 2.33SL	0.66	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
5A»	IGNITE 2.33SL	0.66	LAA	12	98	95	17	10
	B»LIQUID AMS	2.50	PMV	12				
6A»	IGNITE 2.33SL	0.40	LAA	12	73	93	33	20
	B»LIQUID AMS	2.50	PMV	12				
	C»IGNITE 2.33SL	0.40	LAA	13				
	D»LIQUID AMS	2.50	PMV	13				
7A»	ENLITE 47.86WG	0.083	LAA	0	C	85	99	95
	B CLASSIC 25WG	0.005	LAA	9				
	C»HARMONY 50SG	0.015	LAA	9				
	D VALOR 51WG	0.063	LAA	9				
	E»IGNITE 2.33SL	0.40	LAA	12				
	F»LIQUID AMS	2.50	PMV	12				
	G»IGNITE 2.33SL	0.40	LAA	13				
	H»LIQUID AMS	2.50	PMV	13				
8A»	ENVIVE 41.3SG	0.077	LAA	0	C	87	99	95
	B CLASSIC 25WG	0.017	LAA	9				
	C»HARMONY 50SG	0.005	LAA	9				
	D VALOR 51WG	0.055	LAA	9				
	E»IGNITE 2.33SL	0.40	LAA	12				
	F»LIQUID AMS	2.50	PMV	12				
	G»IGNITE 2.33SL	0.40	LAA	13				
	H»LIQUID AMS	2.50	PMV	13				
9A»	OPTILL 68WG	0.085	LAA	9	C	30	92	72
	B»IGNITE 2.33SL	0.40	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
	D»IGNITE 2.33SL	0.40	LAA	13				
	E»LIQUID AMS	2.50	PMV	13				
10A	CHECK	0.00	NA	0	0	0	0	0
11A»	PREFIX 5.32SL	1.31	LAA	9	C	95	99	96
	B»IGNITE 2.33SL	0.40	LAA	12				
	C»LIQUID AMS	2.50	PMV	12				
	D»IGNITE 2.33SL	0.40	LAA	13				
	E»LIQUID AMS	2.50	PMV	13				
12A»	VALOR XLT 40WG	0.075	LAA	0	C	88	99	96
	B VALOR 51WG	0.056	LAA	9				
	C CLASSIC 25WG	0.019	LAA	9				
	D»IGNITE 2.33SL	0.40	LAA	12				
	E»LIQUID AMS	2.50	PMV	12				
	F»IGNITE 2.33SL	0.40	LAA	13				
	G»LIQUID AMS	2.50	PMV	13				

TITLE: Glyphosate-Resistant Waterhemp Control in Liberty-Link Soybean. South

LSD (0.05)	1.85	3.61	6.15	4.59
STANDARD DEVIATION	0.89	1.74	3.00	2.21

» = 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	CTR	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 %	06/24/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/09/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/17/2009	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* STAGE CODE

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