

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET
 PLOT AREA: 250 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	09	11	12	13	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	06/20/08	07/09/08	07/15/08	07/22/08	AME
AIR TEMPERATURE	70	79	90	77	F
% REL.HUMIDITY	85	73	35	67	
WIND DIRECTION	NORTHEAST	NORTH	SOUTHWEST	NORTHWEST	
WIND SPEED	1.0	4.0	2.0	10.0	M/H
CLOUD COVER	OVERCAST	OVERCAST	CLEAR	PARTCLDY	
DEW	YES	YES	NO	NO	
SOIL MOISTURE	WET/MOIST	MOIST/MOI	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SCREEN SIZE	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	
INC. DATE					AME
INC. START					24H
INC. END					24H
INC. DEPTH					IN
INC. EQUIPMENT	---	---	---	---	
DENSITY /					
*** CROP ***					
SOYBEAN		---/14	---/15	---/16	
ASGROW 3901RR		5.00/5.00	8.00/8.00	10.0/10.0	IN
06/18/2008					
*** PEST ***					
WATERHEMP, COMMO		---/18	---/19	---/19	
		1.00/5.00	2.00/8.00	4.00/12.0	IN

* TIMING CODES

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

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Syngenta herbicide comparison for gly. resis. WH control in soybean.
CREATED: 04/26/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: GR Site 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 NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/15/08	AMATA CON % 07/15/08	GLXMA CON % 07/28/08	AMATA CON % 07/28/08	GLXMA CON % 08/05/08	AMATA CON % 08/05/08
1A»PREFIX 5.32SL	1.00	LAA	9	0	99	0	99	0	99
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
2A»PREFIX 5.32SL	1.33	LAA	9	0	99	0	99	0	99
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
3A»BOUNDARY 6.5EC	1.22	LAA	9	0	99	0	99	0	99
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A VALOR 51WG	0.064	LAA	9	5	99	4	99	5	99
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
5A CLASSIC 25WG	0.005	LAA	9	2	99	1	99	2	99
B»HARMONY 50SG	0.016	LAA	9						
C VALOR 51WG	0.063	LAA	9						
D»TOUCHDN TOTAL	0.78	LAA	12						
E»LIQUID AMS	2.50	PMV	12						
6A»SONIC 70DF	0.131	LAA	9	1	95	1	96	1	95
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
7A»TOUCHDN TOTAL	0.78	LAA	12	C	C	0	30	0	32
B»LIQUID AMS	2.50	PMV	12						
8A»TOUCHDN TOTAL	0.78	LAA	11	0	30	0	33	0	38
B»LIQUID AMS	2.50	PMV	11						
C»TOUCHDN TOTAL	0.78	LAA	13						
D»LIQUID AMS	2.50	PMV	13						
LSD (0.05)				0.776	0.00	1.11	3.45	1.00	3.36
STANDARD DEVIATION				0.362	0.00	0.519	1.61	0.454	1.56

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

09 = ----- / PREEMERGENCE 06/20/2008(1)
 11 = ----- / EPOST 07/09/2008(2)
 12 = ----- / POST 07/15/2008(3)
 13 = ----- / LPOST 07/22/2008(4)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	07/15/2008	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	07/15/2008	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/28/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	08/05/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	08/05/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = ASGROW 3901RR

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED