

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 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	07/15/08	07/22/08	07/22/08	AME
AIR TEMPERATURE	70	90	77	77	F
% REL.HUMIDITY	85	35	67	67	
WIND DIRECTION	NORTHEAST	SOUTHWEST	NORTHWEST	NORTHWEST	M/H
WIND SPEED	1.0	2.0	10.0	10.0	
CLOUD COVER	OVERCAST	CLEAR	PARTCLDY	PARTCLDY	
DEW	---	NO	NO	NO	
SOIL MOISTURE	MOIST/MOI	DRY/MOIST	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		---/15	---/16	---/16	
ASGROW 3901RR		8.00/8.00	10.0/10.0	10.0/10.0	IN
06/18/2008					
*** PEST ***					
WATERHEMP, COMMO		---/19	---/19	---/19	
		2.00/8.00	4.00/12.0	4.00/12.0	IN

* TIMING CODES

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

* STAGE CODE

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

TITLE: Syngenta treatments for gly. resistant WH control in corn.
CREATED: 05/08/2008 **REVISED:** 11/17/2008 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: GR Site South **RESEARCHED BY:** UNIV. OF ILL
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 % 07/15/05	GLXMA CON % 07/22/08	AMATA CON % 07/22/08	GLXMA CON % 07/28/08	AMATA CON % 07/28/08
1A»HALEX GT 4.38L	1.97	LAA	11	C	C	42	70	52	92
B»ACTIVATOR 90	0.25	PMV	11						
C»LIQUID AMS	2.50	PMV	11						
2A»HALEX GT 4.38L	1.97	LAA	11	C	C	93	95	98	99
B ATRAZINE DF	1.00	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
3A LUMAX	1.96	LAA	9	43	99	C	C	12	99
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
4A LUMAX	1.48	LAA	9	22	99	C	C	33	99
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
5A BICEP II MAG	1.79	LAA	9	10	99	C	C	30	99
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
6A ATRAZINE DF	1.00	LAA	9	10	99	C	C	32	98
B»HALEX GT 4.38L	1.97	LAA	12						
C»ACTIVATOR 90	0.25	PMV	12						
D»LIQUID AMS	2.50	PMV	12						
7A HARNESS XTRA	2.10	LAA	9	33	99	C	C	10	99
B»RNDUP POWERMAX	0.77	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
8A»RNDUP POWERMAX	0.77	LAA	11	C	C	0	10	0	33
B»LIQUID AMS	2.50	PMV	11						
9A»RNDUP POWERMAX	0.77	LAA	11	C	C	0	43	0	42
B»LIQUID AMS	2.50	PMV	11						
C»RNDUP POWERMAX	0.77	LAA	13						
D»LIQUID AMS	2.50	PMV	13						
10A»RNDUP POWERMAX	0.77	LAA	11	C	C	43	82	68	90
B»LAUDIS 3.5SC	0.082	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
11A»DURANGO 4AE	0.75	LAA	11	C	C	87	77	96	90
B»SURESTART 4.16	0.91	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
12A»RNDUP POWERMAX	0.77	LAA	11	C	C	92	85	98	93
B»STATUS 56DG	0.088	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
13A»RNDUP POWERMAX	0.77	LAA	11	C	C	52	83	62	92
B»IMPACT 2.8SC	0.016	LAA	11						
C»LIQUID AMS	2.50	PMV	11						
14A»LEXAR 3.7L	2.08	LAA	9	38	99	C	C	22	99
B»TOUCHDN TOTAL	0.78	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
15A»SURESTART 4.16	0.91	LAA	9	82	99	C	C	77	95
B»DURANGO 4AE	0.75	LAA	12						
C»LIQUID AMS	2.50	PMV	12						
16A»TOUCHDN TOTAL	0.78	LAA	11	C	C	47	83	65	96
B CALLISTO 4SC	0.094	LAA	11						
C»LIQUID AMS	2.50	PMV	11						

TITLE: Syngenta treatments for gly. resistant WH control in corn.							
LSD (0.05)	4.00	0.00	3.29	8.50	4.84	5.20	
STANDARD DEVIATION	2.00	0.00	1.61	4.16	2.37	2.55	

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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 % 08/05/08	AMATA CON % 08/05/08
1A»HALEX GT 4.38L	1.97	LAA	11	C	C
B»ACTIVATOR 90	0.25	PMV	11		
C»LIQUID AMS	2.50	PMV	11		
2A»HALEX GT 4.38L	1.97	LAA	11	C	C
B ATRAZINE DF	1.00	LAA	11		
C»ACTIVATOR 90	0.25	PMV	11		
D»LIQUID AMS	2.50	PMV	11		
3A LUMAX	1.96	LAA	9	7	99
B»TOUCHDN TOTAL	0.78	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
4A LUMAX	1.48	LAA	9	40	99
B»HALEX GT 4.38L	1.97	LAA	12		
C»ACTIVATOR 90	0.25	PMV	12		
D»LIQUID AMS	2.50	PMV	12		
5A BICEP II MAG	1.79	LAA	9	40	99
B»HALEX GT 4.38L	1.97	LAA	12		
C»ACTIVATOR 90	0.25	PMV	12		
D»LIQUID AMS	2.50	PMV	12		
6A ATRAZINE DF	1.00	LAA	9	40	99
B»HALEX GT 4.38L	1.97	LAA	12		
C»ACTIVATOR 90	0.25	PMV	12		
D»LIQUID AMS	2.50	PMV	12		
7A HARNESS XTRA	2.10	LAA	9	8	99
B»RNDUP POWERMAX	0.77	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
8A»RNDUP POWERMAX	0.77	LAA	11	C	C
B»LIQUID AMS	2.50	PMV	11		
9A»RNDUP POWERMAX	0.77	LAA	11	0	50
B»LIQUID AMS	2.50	PMV	11		
C»RNDUP POWERMAX	0.77	LAA	13		
D»LIQUID AMS	2.50	PMV	13		
10A»RNDUP POWERMAX	0.77	LAA	11	C	C
B»LAUDIS 3.5SC	0.082	LAA	11		
C»LIQUID AMS	2.50	PMV	11		
11A»DURANGO 4AE	0.75	LAA	11	C	C
B»SURESTART 4.16	0.91	LAA	11		
C»LIQUID AMS	2.50	PMV	11		
12A»RNDUP POWERMAX	0.77	LAA	11	C	C
B»STATUS 56DG	0.088	LAA	11		
C»LIQUID AMS	2.50	PMV	11		
13A»RNDUP POWERMAX	0.77	LAA	11	C	C
B»IMPACT 2.8SC	0.016	LAA	11		
C»LIQUID AMS	2.50	PMV	11		
14A»LEXAR 3.7L	2.08	LAA	9	17	99
B»TOUCHDN TOTAL	0.78	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
15A»SURESTART 4.16	0.91	LAA	9	80	95
B»DURANGO 4AE	0.75	LAA	12		
C»LIQUID AMS	2.50	PMV	12		
16A»TOUCHDN TOTAL	0.78	LAA	11	C	C
B CALLISTO 4SC	0.094	LAA	11		
C»LIQUID AMS	2.50	PMV	11		

TITLE: Syngenta treatments for gly. resistant WH control in corn.

LSD (0.05) 3.00 0.00
STANDARD DEVIATION 1.46 0.00

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

09 = ----- / PREEMERGENCE 06/20/2008(1)
11 = ----- / EPOST 07/15/2008(2)
12 = ----- / POST 07/22/2008(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	CTR	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 %	07/15/2005	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/22/2008	01	P	GLXMA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/22/2008	02	P	AMATA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/28/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/28/2008	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	GLXMA	CON %	08/05/2008	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	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
16 = 6TH LEAF (4TH TRIFOLIATE LEAF) UNFOLDED, 5 NODES
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED