

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	11	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/18/12	06/14/12	06/19/12	AME
AIR TEMPERATURE	76	84	80	F
% REL.HUMIDITY	26	33	67	
WIND DIRECTION	SOUTHEAST	SOUTH	SOUTHWEST	
WIND SPEED	4.0	5.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
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		---/16	---/17	
G85V88RR/LL		16.0/16.0	28.0/28.0	IN
05/17/2012				
*** PEST ***				
WATERHEMP, COMMO		---/19	---/19	
		1.00/6.00	1.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

16 = 6 LEAVES UNFOLDED
 17 = 7 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Gly. Resis. WH Control Systems in Corn. DOCO
CREATED: 04/28/2012 **REVISED:** 10/23/2012 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Douglas Co **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
PLOT AREA: 300.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/06/12	06/06/12	06/21/12	06/21/12	06/30/12	06/30/12
1A	CHECK	0.00	NA 0	0	0	0	0	0	0
2A	BAL FLEXX 2L	0.094	LAA 9	1	98	0	98	0	99
	B ATRAZINE DF	1.50	LAA 9						
3A	BAL FLEXX 2L	0.094	LAA 9	1	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C HARNESS (7EC)	1.97	LAA 9						
4A	BAL FLEXX 2L	0.094	LAA 9	1	99	1	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C CLARITY	0.50	LAA 9						
5A	BAL FLEXX 2L	0.094	LAA 9	1	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C CLARITY	0.25	LAA 9						
	D HARNESS (7EC)	1.97	LAA 9						
6A	LUMAX EZ 3.67S	2.98	LAA 9	0	99	0	99	0	99
7A	VERDICT 5.57L	0.78	LAA 9	0	98	0	98	0	98
8A	BAL FLEXX 2L	0.094	LAA 9	1	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C HARNESS (7EC)	1.97	LAA 9						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
9A	BAL FLEXX 2L	0.094	LAA 9	1	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C HARNESS (7EC)	1.97	LAA 9						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E CLARITY	0.25	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
10A	BAL FLEXX 2L	0.094	LAA 9	0	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C HARNESS (7EC)	1.97	LAA 9						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E CLARITY	0.50	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
11A	BAL FLEXX 2L	0.094	LAA 9	1	99	1	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C CLARITY	0.25	LAA 9						
	D HARNESS (7EC)	1.97	LAA 9						
	E CLARITY	0.25	LAA 12						
	F»COC	1.00	PMV 12						
	G»LIQUID AMS	2.50	PMV 12						
12A	BAL FLEXX 2L	0.094	LAA 9	2	99	1	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C CLARITY	0.25	LAA 9						
	D HARNESS (7EC)	1.97	LAA 9						
	E CLARITY	0.25	LAA 12						
	F»LIBERTY 2.34L	0.40	LAA 12						
	G»LIQUID AMS	2.50	PMV 12						
13A	BAL FLEXX 2L	0.094	LAA 9	0	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
	C»ZIDUA 85WG	0.159	LAA 9						
	D CLARITY	0.25	LAA 12						
	E»LIBERTY 2.34L	0.40	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						

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TRT	TREATMENT	DOSAGE		ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					06/06/12	06/06/12	06/21/12	06/21/12	06/30/12
14A»	SURESTART 4.16	1.56	LAA	9	0	99	0	99	0
	B»DURANGO 4AE	0.75	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
15A»	SURESTART 4.16	1.56	LAA	9	0	99	0	98	0
	B ATRAZINE DF	1.00	LAA	9					99
	C»DURANGO 4AE	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
16A	KEYSTONE 5.25	3.41	LAA	9	2	99	0	99	0
	B HORNET 68.5WG	0.128	LAA	9					99
	C»DURANGO 4AE	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
17A»	SURESTART 4.16	1.30	LAA	9	0	99	0	99	0
	B»DURANGO 4AE	0.75	LAA	12					99
	C»LIQUID AMS	2.50	PMV	12					
18A»	SURESTART 4.16	1.30	LAA	9	0	99	0	98	0
	B ATRAZINE DF	1.00	LAA	9					99
	C»DURANGO 4AE	0.75	LAA	12					
	D»LIQUID AMS	2.50	PMV	12					
19A»	SURESTART 4.16	1.04	LAA	11	C	C	0	96	0
	B»DURANGO 4AE	0.75	LAA	11					96
	C»LIQUID AMS	2.50	PMV	11					
20A»	RNDUP POWERMAX	0.77	LAA	11	C	C	0	72	0
	B»LIQUID AMS	2.50	PMV	11					82
21A	IMPACT 2.8SC	0.016	LAA	11	C	C	0	90	0
	B ATRAZINE DF	0.50	LAA	11					92
	C»MSO	1.00	PMV	11					
	D 28% UAN	1.87	PMV	11					
22A»	RNDUP POWERMAX	0.77	LAA	11	C	C	0	90	0
	B IMPACT 2.8SC	0.016	LAA	11					98
	C ATRAZINE DF	0.50	LAA	11					
	D»MSO	1.00	PMV	11					
	E»LIQUID AMS	1.87	PMV	11					
23A»	WARRANT 3L	1.125	LAA	11	C	C	0	97	0
	B»RNDUP POWERMAX	0.77	LAA	11					99
	C IMPACT 2.8SC	0.016	LAA	11					
	D ATRAZINE DF	0.50	LAA	11					
	E»MSO	1.00	PMV	11					
	F»LIQUID AMS	1.87	PMV	11					
24A»	HALEX GT 4.38L	1.97	LAA	11	C	C	0	97	0
	B ATRAZINE DF	0.50	LAA	11					99
	C»ACTIVATOR 90	0.25	PMV	11					
	D»LIQUID AMS	2.50	PMV	11					
LSD (0.05)					1.00	1.06	0.719	5.13	0.266
STANDARD DEVIATION					0.519	0.532	0.359	2.56	0.133
									5.00
									2.52

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 CREATED: 04/28/2012 REVISED: 10/23/2012 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Douglas Co RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG
 PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 07/06/12	AMATA CON % 07/06/12
1A	CHECK	0.00	NA	0	0	0
2A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
3A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C HARNESS (7EC)	1.97	LAA	9		
4A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C CLARITY	0.50	LAA	9		
5A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C CLARITY	0.25	LAA	9		
	D HARNESS (7EC)	1.97	LAA	9		
6A»	LUMAX EZ 3.67S	2.98	LAA	9	0	99
7A»	VERDICT 5.57L	0.78	LAA	9	0	98
8A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C HARNESS (7EC)	1.97	LAA	9		
	D»LIBERTY 2.34L	0.40	LAA	12		
	E»LIQUID AMS	2.50	PMV	12		
9A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C HARNESS (7EC)	1.97	LAA	9		
	D»LIBERTY 2.34L	0.40	LAA	12		
	E CLARITY	0.25	LAA	12		
	F»LIQUID AMS	2.50	PMV	12		
10A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C HARNESS (7EC)	1.97	LAA	9		
	D»LIBERTY 2.34L	0.40	LAA	12		
	E CLARITY	0.50	LAA	12		
	F»LIQUID AMS	2.50	PMV	12		
11A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C CLARITY	0.25	LAA	9		
	D HARNESS (7EC)	1.97	LAA	9		
	E CLARITY	0.25	LAA	12		
	F»COC	1.00	PMV	12		
	G»LIQUID AMS	2.50	PMV	12		
12A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C CLARITY	0.25	LAA	9		
	D HARNESS (7EC)	1.97	LAA	9		
	E CLARITY	0.25	LAA	12		
	F»LIBERTY 2.34L	0.40	LAA	12		
	G»LIQUID AMS	2.50	PMV	12		
13A»	BAL FLEXX 2L	0.094	LAA	9	0	99
	B ATRAZINE DF	1.50	LAA	9		
	C»ZIDUA 85WG	0.159	LAA	9		
	D CLARITY	0.25	LAA	12		
	E»LIBERTY 2.34L	0.40	LAA	12		
	F»LIQUID AMS	2.50	PMV	12		

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TRT	TREATMENT	DOSAGE	ZEAMD	AMATA
NUM	COMPONENT	RATE	CON %	CON %
		UNIT	TM	07/06/12
14A»	SURESTART 4.16	1.56	LAA 9	0
	B»DURANGO 4AE	0.75	LAA 12	99
	C»LIQUID AMS	2.50	PMV 12	
15A»	SURESTART 4.16	1.56	LAA 9	0
	B ATRAZINE DF	1.00	LAA 9	99
	C»DURANGO 4AE	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
16A	KEYSTONE 5.25	3.41	LAA 9	0
	B HORNET 68.5WG	0.128	LAA 9	99
	C»DURANGO 4AE	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
17A»	SURESTART 4.16	1.30	LAA 9	0
	B»DURANGO 4AE	0.75	LAA 12	99
	C»LIQUID AMS	2.50	PMV 12	
18A»	SURESTART 4.16	1.30	LAA 9	0
	B ATRAZINE DF	1.00	LAA 9	99
	C»DURANGO 4AE	0.75	LAA 12	
	D»LIQUID AMS	2.50	PMV 12	
19A»	SURESTART 4.16	1.04	LAA 11	0
	B»DURANGO 4AE	0.75	LAA 11	98
	C»LIQUID AMS	2.50	PMV 11	
20A»	RNDUP POWERMAX	0.77	LAA 11	0
	B»LIQUID AMS	2.50	PMV 11	78
21A	IMPACT 2.8SC	0.016	LAA 11	0
	B ATRAZINE DF	0.50	LAA 11	95
	C»MSO	1.00	PMV 11	
	D 28% UAN	1.87	PMV 11	
22A»	RNDUP POWERMAX	0.77	LAA 11	0
	B IMPACT 2.8SC	0.016	LAA 11	99
	C ATRAZINE DF	0.50	LAA 11	
	D»MSO	1.00	PMV 11	
	E»LIQUID AMS	1.87	PMV 11	
23A»	WARRANT 3L	1.125	LAA 11	0
	B»RNDUP POWERMAX	0.77	LAA 11	99
	C IMPACT 2.8SC	0.016	LAA 11	
	D ATRAZINE DF	0.50	LAA 11	
	E»MSO	1.00	PMV 11	
	F»LIQUID AMS	1.87	PMV 11	
24A»	HALEX GT 4.38L	1.97	LAA 11	0
	B ATRAZINE DF	0.50	LAA 11	99
	C»ACTIVATOR 90	0.25	PMV 11	
	D»LIQUID AMS	2.50	PMV 11	
		LSD (0.05)	0.00	6.20
		STANDARD DEVIATION	0.00	3.10

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/18/2012(1)

11 = ----- / EPOST 06/14/2012(2)

12 = ----- / POST 06/19/2012(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/06/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/06/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/21/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/21/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	06/30/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
006	AMATA	CON %	06/30/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/06/2012	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/06/2012	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = G85V88RR/LL