

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.4
 %OM: 5.3
 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	LIQMI	LIQMI	LIQMI	
APPLICATION DATE	05/24/13	06/21/13	06/28/13	AME
AIR TEMPERATURE	55	86	80	F
% REL.HUMIDITY	42	55	51	
WIND DIRECTION	NORTH	NORTH	WEST	
WIND SPEED	4.0	8.0	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	MOIST/MOI	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
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	---	---	---	
FOLIAGE HEIGHT				FT
FOLIAGE WIDTH				FT
ROW WIDTH				FT
SPRAY VOL LWA/TRV				
S VOL LWA/TRV UNIT				
LEAF WALL AREA				M2H
TREE ROW VOLUME				M3H
SPECIE AND STAGE	DEN / STG MIN / MAX	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *				
P, CORN, DENT		---/14	---/16	
P1018 RR/LL		10.0/10.0	16.0/16.0	IN
(PLANTED) 05/23/2013		29 DAP	36 DAP	
PEST *				
P, WATERHEMP, COMMO		---/19	---/19	
		2.00/4.00	6.00/8.00	IN

* TIMING CODES

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

* STAGE CODE

14 = 4 LEAVES UNFOLDED
 16 = 6 LEAVES UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Gly. Resis. WH Control Systems in Corn. DOCO
CREATED: 04/29/2013 **REVISED:** 10/02/2013 **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 %
				06/12/13	06/12/13	06/27/13	06/27/13	07/05/13	07/05/13
1A	BICEP II MAG	1.79	LAA 9	1	98	0	95	0	99
	B»HALEX GT 4.38L	1.97	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»COC	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
2A»	LEXAR EZ 3.7SC	3.24	LAA 9	1	99	0	99	0	99
3A»	LEXAR EZ 3.7SC	1.62	LAA 9	1	99	0	95	0	96
	B»HALEX GT 4.38L	1.97	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»COC	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
4A»	VERDICT 5.57L	0.78	LAA 9	2	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
5A	HARNESS XTRA	3.50	LAA 9	1	99	0	99	0	99
	B IMPACT 2.8SC	0.022	LAA 12						
	C ATRAZINE DF	0.50	LAA 12						
	D»MSO	1.00	PMV 12						
	E 28% UAN	2.50	PMV 12						
6A»	BAL FLEXX 2L	0.094	LAA 9	0	99	0	99	0	99
	B ATRAZINE DF	1.50	LAA 9						
7A»	CORVUS 2.6SC	0.091	LAA 9	1	99	0	90	0	98
	B ATRAZINE DF	1.00	LAA 9						
	C»LAUDIS 3.5SC	0.082	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»COC	1.00	PMV 12						
	F 28% UAN	2.50	PMV 12						
8A»	VERDICT 5.57L	0.78	LAA 9	2	99	0	99	0	99
	B»ZIDUA 85WG	0.106	LAA 9						
9A	GUARDSMAN 5SE	2.50	LAA 9	0	99	0	95	0	96
	B ATRAZINE DF	1.00	LAA 9						
	C»ARMEZON 2.8SC	0.022	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»MSO	1.00	PMV 12						
	F 28% UAN	2.50	PMV 12						
10A»	VERDICT 5.57L	0.696	LAA 9	1	99	0	94	0	99
	B ATRAZINE DF	1.00	LAA 9						
	C»STATUS 56DG	0.175	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
11A»	GF-3151 5.6SC	3.64	LAA 9	1	99	0	99	0	99
	B HORNET 68.5WG	0.141	LAA 9						
	C»DURANGO 4AE	1.00	LAA 12						
	D»2,4-D CHOLINE	0.475	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
12A»	BAL FLEXX 2L	0.094	LAA 9	1	99	0	82	5	99
	B ATRAZINE DF	1.50	LAA 9						
	C HARNESS (7EC)	1.97	LAA 9						
	D»LIBERTY 2.34L	0.53	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
13A»	SURESTART 4.16	1.04	LAA 9	0	99	0	90	0	99
	B ATRAZINE DF	1.00	LAA 9						
	C»DURANGO 4AE	1.00	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
	E»SURESTART 4.16	1.04	LAA 12						

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TRT	TREATMENT	DOSAGE	ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					06/12/13	06/12/13	06/27/13	06/27/13
14A»	CAPRENO 3.45 S	0.081	LAA	11	C	C	0	86
	B ATRAZINE DF	0.50	LAA	11				0
	C»COC	1.00	PMV	11				99
	D»LIQUID AMS	2.50	PMV	11				
15A»	HALEX GT 4.38L	1.97	LAA	11	C	C	0	82
	B ATRAZINE DF	0.50	LAA	11				0
	C»ACTIVATOR 90	0.25	PMV	11				99
	D»LIQUID AMS	2.50	PMV	11				
16A	IMPACT 2.8SC	0.022	LAA	11	C	C	0	88
	B ATRAZINE DF	0.50	LAA	11				0
	C»MSO	1.00	PMV	11				96
	D 28% UAN	2.50	PMV	11				
17A»	RNDUP POWERMAX	1.125	LAA	11	C	C	0	62
	B»LIQUID AMS	2.50	PMV	11				0
18A	CHECK	0.00	NA	0	0	0	0	0
19A»	RNDUP POWERMAX	1.125	LAA	11	C	C	0	75
	B IMPACT 2.8SC	0.022	LAA	11				0
	C ATRAZINE DF	0.50	LAA	11				96
	D»MSO	0.50	PMV	11				
	E 28% UAN	2.50	PMV	11				
20A»	WARRANT 3L	1.125	LAA	11	C	C	0	72
	B»RNDUP POWERMAX	1.125	LAA	11				0
	C IMPACT 2.8SC	0.022	LAA	11				99
	D ATRAZINE DF	0.50	LAA	11				
	E»MSO	0.50	PMV	11				
	F 28% UAN	2.50	PMV	11				
LSD (0.05)					1.07	0.213	0.00	9.58
STANDARD DEVIATION					0.53	0.105	0.00	4.74
								1.86
								8.00
								3.95

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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 %
				07/12/13	07/12/13	07/20/13	07/20/13	08/20/13	08/20/13
1A	BICEP II MAG	1.79	LAA 9	0	99	0	99	0	99
	B»HALEX GT 4.38L	1.97	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»COC	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
2A	»LEXAR EZ 3.7SC	3.24	LAA 9	0	98	0	98	0	96
3A	»LEXAR EZ 3.7SC	1.62	LAA 9	0	96	0	93	0	96
	B»HALEX GT 4.38L	1.97	LAA 11						
	C ATRAZINE DF	0.50	LAA 11						
	D»COC	1.00	PMV 11						
	E»LIQUID AMS	2.50	PMV 11						
4A	»VERDICT 5.57L	0.78	LAA 9	0	99	0	98	0	99
	B ATRAZINE DF	1.50	LAA 9						
5A	HARNESS XTRA	3.50	LAA 9	0	99	0	98	0	99
	B IMPACT 2.8SC	0.022	LAA 12						
	C ATRAZINE DF	0.50	LAA 12						
	D»MSO	1.00	PMV 12						
	E 28% UAN	2.50	PMV 12						
6A	»BAL FLEXX 2L	0.094	LAA 9	0	96	0	93	0	96
	B ATRAZINE DF	1.50	LAA 9						
7A	»CORVUS 2.6SC	0.091	LAA 9	0	99	0	99	0	99
	B ATRAZINE DF	1.00	LAA 9						
	C»LAUDIS 3.5SC	0.082	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»COC	1.00	PMV 12						
	F 28% UAN	2.50	PMV 12						
8A	»VERDICT 5.57L	0.78	LAA 9	0	98	0	99	0	99
	B»ZIDUA 85WG	0.106	LAA 9						
9A	GUARDSMAN 5SE	2.50	LAA 9	0	98	0	97	0	99
	B ATRAZINE DF	1.00	LAA 9						
	C»ARMEZON 2.8SC	0.022	LAA 12						
	D ATRAZINE DF	0.50	LAA 12						
	E»MSO	1.00	PMV 12						
	F 28% UAN	2.50	PMV 12						
10A	»VERDICT 5.57L	0.696	LAA 9	0	99	0	99	0	99
	B ATRAZINE DF	1.00	LAA 9						
	C»STATUS 56DG	0.175	LAA 12						
	D»ACTIVATOR 90	0.25	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
11A	»GF-3151 5.6SC	3.64	LAA 9	0	99	0	99	0	99
	B HORNET 68.5WG	0.141	LAA 9						
	C»DURANGO 4AE	1.00	LAA 12						
	D»2,4-D CHOLINE	0.475	PMV 12						
	E»LIQUID AMS	2.50	PMV 12						
12A	»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	0.53	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
13A	»SURESTART 4.16	1.04	LAA 9	0	99	0	98	0	97
	B ATRAZINE DF	1.00	LAA 9						
	C»DURANGO 4AE	1.00	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
	E»SURESTART 4.16	1.04	LAA 12						

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TRT	TREATMENT	DOSAGE	ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					07/12/13	07/12/13	07/20/13	08/20/13
14A»	CAPRENO 3.45 S	0.081	LAA	11	0	99	0	98
	B ATRAZINE DF	0.50	LAA	11				
	C»COC	1.00	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
15A»	HALEX GT 4.38L	1.97	LAA	11	0	99	0	99
	B ATRAZINE DF	0.50	LAA	11				
	C»ACTIVATOR 90	0.25	PMV	11				
	D»LIQUID AMS	2.50	PMV	11				
16A	IMPACT 2.8SC	0.022	LAA	11	0	98	0	96
	B ATRAZINE DF	0.50	LAA	11				
	C»MSO	1.00	PMV	11				
	D 28% UAN	2.50	PMV	11				
17A»	RNDUP POWERMAX	1.125	LAA	11	0	82	0	80
	B»LIQUID AMS	2.50	PMV	11				
18A	CHECK	0.00	NA	0	0	0	0	0
19A»	RNDUP POWERMAX	1.125	LAA	11	0	96	0	92
	B IMPACT 2.8SC	0.022	LAA	11				
	C ATRAZINE DF	0.50	LAA	11				
	D»MSO	0.50	PMV	11				
	E 28% UAN	2.50	PMV	11				
20A»	WARRANT 3L	1.125	LAA	11	0	99	0	99
	B»RNDUP POWERMAX	1.125	LAA	11				
	C IMPACT 2.8SC	0.022	LAA	11				
	D ATRAZINE DF	0.50	LAA	11				
	E»MSO	0.50	PMV	11				
	F 28% UAN	2.50	PMV	11				
LSD (0.05)					0.00	2.70	0.00	5.33
STANDARD DEVIATION					0.00	1.34	0.00	2.64

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/24/2013(1)

11 = ----- / EPOST 06/21/2013(2)

12 = ----- / POST 06/28/2013(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/12/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/12/2013	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/27/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/27/2013	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/05/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/05/2013	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/12/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/12/2013	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	07/20/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/20/2013	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	08/20/2013	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	08/20/2013	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = P1018 RR/LL