

SOIL INFORMATION

TEXTURE: SIX
 PH: 6.0
 %OM: 6.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 29 FEET
 PLOT AREA: 217.5 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQ MIX	LIQ MIX	
APPLICATION DATE	05/06/14	06/09/14	AME
AIR TEMPERATURE	60	68	F
% REL.HUMIDITY	40	67	
WIND DIRECTION	EAST	SOUTHEAST	
WIND SPEED	14.0	8.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION	AI110025	AIXR 1100	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE	50	50	
SCREEN SZ DESC	MES	MES	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	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	
CROP *			
P, CORN, DENT		---/15	
N60F-3111 RR/LL		12.0/14.0	IN
(PLANTED) 05/05/2014		35 DAP	
PEST *			
P, VELVETLEAF		---/12 0.50/1.00	IN
P, RAGWEED, GIANT		---/14 2.00/5.00	IN
P, LAMBSQUARTERS, C		---/16 0.50/1.00	IN
P, FOXTAIL, GIANT		---/14 2.00/4.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED

* STAGE CODE

14	=	4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15	=	5 LEAVES UNFOLDED
16	=	6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Acuron (A19707) for Weed Control in RR/LL Corn. SW-1500W
CREATED: 04/27/2014 **REVISED:** 08/01/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: DeKalb **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 29.00 FT LONG
PLOT AREA: 217.50 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		ZEAMD	SETFA	AMBTR	ABUTH	CHEAL	ZEAMD
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	CON %
				06/09/14	06/09/14	06/09/14	06/09/14	06/09/14	06/24/14
1A	CHECK	0.00	NA 0	0	0	0	0	0	0
2A	»ACURON 3.44 ZC	2.58	LAA 9	0	92	78	99	98	0
3A	»ACURON 3.44 ZC	2.58	LAA 9	0	92	73	99	99	0
	B ATRAZINE DF	0.75	LAA 9						
4A	»ACURON 3.44 ZC	2.58	LAA 9	0	93	82	99	99	0
	B»TOUCHDN TOTAL	0.98	LAA 12						
	C»STATUS 56DG	0.175	LAA 12						
	D»LIQUID AMS	2.50	PMV 12						
5A	»ANTHEM ATZ 4.5	1.125	LAA 9	0	82	43	70	99	0
6A	»KEYSTONE NXT 5	3.50	LAA 9	0	95	73	78	99	0
	B»HORNET 68.5WG	0.171	LAA 9						
7A	»VERDICT 5.57L	0.78	LAA 9	0	93	80	97	99	0
	B ATRAZINE DF	1.50	LAA 9						
8A	»CORVUS 2.6SC	0.114	LAA 9	0	93	88	99	99	0
	B ATRAZINE DF	1.50	LAA 9						
9A	»CORVUS 2.6SC	0.114	LAA 9	0	96	85	98	99	4
	B ATRAZINE DF	1.50	LAA 9						
	C»RNDUP POWERMAX	0.77	LAA 12						
	D»LIBERTY 2.34L	0.40	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.00	4.56	9.60	4.56	0.666	0.666
STANDARD DEVIATION				0.00	2.15	4.53	2.15	0.314	0.314

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 06/24/14	AMBTR CON % 06/24/14	ABUTH CON % 06/24/14	CHEAL CON % 06/24/14	ZEAMD CON % 07/07/14	SETFA CON % 07/07/14
1A CHECK	0.00	NA	0	0	0	0	0	0	0
2A»ACURON 3.44 ZC	2.58	LAA	9	75	63	99	98	0	67
3A»ACURON 3.44 ZC	2.58	LAA	9	72	53	99	97	0	63
B ATRAZINE DF	0.75	LAA	9						
4A»ACURON 3.44 ZC	2.58	LAA	9	99	97	99	99	0	98
B»TOUCHDN TOTAL	0.98	LAA	12						
C»STATUS 56DG	0.175	LAA	12						
D»LIQUID AMS	2.50	PMV	12						
5A»ANTHEM ATZ 4.5	1.125	LAA	9	70	23	37	95	0	63
6A»KEYSTONE NXT 5	3.50	LAA	9	83	48	60	98	0	67
B»HORNET 68.5WG	0.171	LAA	9						
7A»VERDICT 5.57L	0.78	LAA	9	75	63	85	99	0	67
B ATRAZINE DF	1.50	LAA	9						
8A»CORVUS 2.6SC	0.114	LAA	9	84	65	99	99	0	77
B ATRAZINE DF	1.50	LAA	9						
9A»CORVUS 2.6SC	0.114	LAA	9	99	96	99	99	0	97
B ATRAZINE DF	1.50	LAA	9						
C»RNDUP POWERMAX	0.77	LAA	12						
D»LIBERTY 2.34L	0.40	LAA	12						
E»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				7.80	15.19	7.54	3.75	0.00	16.32
STANDARD DEVIATION				3.68	7.17	3.56	1.77	0.00	7.70

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REPS: 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	AMBTR CON % 07/07/14	ABUTH CON % 07/07/14	CHEAL CON % 07/07/14
1A CHECK	0.00	NA	0	0	0	0
2A»ACURON 3.44 ZC	2.58	LAA	9	60	99	98
3A»ACURON 3.44 ZC	2.58	LAA	9	50	99	97
B ATRAZINE DF	0.75	LAA	9			
4A»ACURON 3.44 ZC	2.58	LAA	9	97	99	99
B»TOUCHDN TOTAL	0.98	LAA	12			
C»STATUS 56DG	0.175	LAA	12			
D»LIQUID AMS	2.50	PMV	12			
5A»ANTHEM ATZ 4.5	1.125	LAA	9	13	40	95
6A»KEYSTONE NXT 5	3.50	LAA	9	40	47	94
B»HORNET 68.5WG	0.171	LAA	9			
7A»VERDICT 5.57L	0.78	LAA	9	57	75	99
B ATRAZINE DF	1.50	LAA	9			
8A»CORVUS 2.6SC	0.114	LAA	9	55	99	99
B ATRAZINE DF	1.50	LAA	9			
9A»CORVUS 2.6SC	0.114	LAA	9	96	99	99
B ATRAZINE DF	1.50	LAA	9			
C»RNDUP POWERMAX	0.77	LAA	12			
D»LIBERTY 2.34L	0.40	LAA	12			
E»LIQUID AMS	2.50	PMV	12			
LSD (0.05)				18.00	4.41	5.64
STANDARD DEVIATION				8.49	2.08	2.66

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/06/2014(1)
 12 = ----- / POST 06/09/2014(2)

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 %	06/09/2014	01	P	ZEAMD	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/09/2014	02	P	SETFA	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBTR	CON %	06/09/2014	03	P	AMBTR	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	06/09/2014	04	P	ABUTH	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	06/09/2014	05	P	CHEAL	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/24/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/24/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBTR	CON %	06/24/2014	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	06/24/2014	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CHEAL	CON %	06/24/2014	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	07/07/2014	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	SETFA	CON %	07/07/2014	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	AMBTR	CON %	07/07/2014	03	P	AMBTR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	CON %	07/07/2014	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	07/07/2014	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = N60F-3111 RR/LL

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12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED

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16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED