APPLICATIONS

SOIL INFORMATION

TEXTURE: N/A
PH: 6.1
%OM: 3.5
PREV.CROP: GLXMA - Soybean
%RESIDUE: 0
PLOT WIDTH: 7.5 X 30 FEET
PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 4

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQUID MI	LIQUID MI	
APPLICATION DATE	06/12/20	06/30/20	AME
TIME - BEGIN	16:20	13:30	24H
TIME - END	16:45	14:00	24H
AIR TEMPERATURE	91	83	F
% REL.HUMIDITY	23	70	
WIND DIRECTION	NORTH	SOUTH	
WIND SPEED	2.0	4.0	M/H
CLOUD COVER	CLEAR-0%	PAR.CLOUD	
DEW	TO BE SEL	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	TO BE SEL	TO BE SEL	
SOIL TEMP/DEPTH	84/4.00	81/4.00	F/IN
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE VOLUME	0.00	0.00	GPM
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SCREEN SIZE			
SCREEN SZ DESC	N/A	N/A	
SWATH WIDTH	7.5	7.5	FT
BOOM HEIGHT	18.0	18.0	IN
SPEED	3.00	3.00	M/H
MIX SIZE	0.430	0.430	
MIX SIZE UNIT	GAL	GAL	
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	TO BE SEL	TO BE SEL	
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, Dent corn		---/14	
DKC62-52		12.0/12.0	IN
(PLANTED) 06/12/2020		18 DAP	
PEST *			
P, Waterhemp, commo		---/12	
		0.50/1.50	IN
P, Tall morning glo		---/11	
		1.00/2.00	IN
P, Giant foxtail		---/12	
		1.00/2.00	IN

*** TIMING CODES**
09 = --- / PREEMERGENCE
12 = --- / POST

*** STAGE CODE**
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4 LEAVES UNFOLDED

DATA MEAN

TITLE: Acuron GT: Evaluation of Weed Control and Crop Tolerance in a Two Pass System. MF-1700
CREATED: 04/27/2020 **REVISED:** 10/20/2020 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 06/30/20	ZEAMD CON % 07/07/20	SETFA CON % 07/07/20	AMATA CON % 07/07/20	PHBPU CON % 07/07/20	ZEAMD CON % 07/28/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»BICEP II MAGNU	1.60	QMA	9	0	0	99	99	98	0
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
3A	»LEXAR EZ 3.7SC	1.80	QMA	9	0	0	99	99	99	0
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
4A	»SURESTART II 4	1.75	PMA	9	0	0	99	99	97	0
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
5A	»HARNESS EXTRA	1.80	QMA	9	0	0	99	99	99	0
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
6A	»VERDICT 5.57L	14.00	ZMA	9	0	0	99	99	99	0
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
7A	»SURESTART II 4	1.75	PMA	9	0	0	99	99	95	0
B	»RESICORE 3.29S	1.25	QMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»LIQUID AMS	2.50	PMV	12						
8A	»HARNESS EXTRA	1.80	QMA	9	0	0	99	99	97	0
B	»LAUDIS 3.5SC	3.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»SUPERB HC	0.50	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
9A	»VERDICT 5.57L	14.00	ZMA	9	0	0	99	99	99	0
B	»ARMEZON PRO 5.	20.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»LIQUID AMS	2.50	PMV	12						
10A	»HARNESS EXTRA	1.80	QMA	9	0	0	99	99	98	0
B	»DIFLEXX 4L	6.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
11A	»HARNESS EXTRA	1.80	QMA	9	0	0	99	99	95	0
B	»LAUDIS 3.5SC	3.00	ZMA	12						
C	»WARRANT 3L	1.50	QMA	12						
D	»RNDUP POWERMAX	26.60	ZMA	12						
E	»ACTIVATOR 90	0.25	PMV	12						
F	»LIQUID AMS	2.50	PMV	12						
12A	»HARNESS EXTRA	1.80	QMA	9	0	0	99	99	98	0
B	»HARNESS MAX 3.	40.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»ACTIVATOR 90	0.25	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				0.0	0.0	0.0	0.0	2.5	0.0
	STANDARD DEVIATION				0.0	0.0	0.0	0.0	1.3	0.0

DATA MEAN

TITLE: Acuron GT: Evaluation of Weed Control and Crop Tolerance in a Two Pass System. MF-1700
CREATED: 04/27/2020 **REVISED:** 10/20/2020 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT

REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 07/28/20	AMATA CON % 07/28/20	PHBPU CON % 07/28/20	ZEAMD CON % 08/25/20	SETFA CON % 08/25/20	AMATA CON % 08/25/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»BICEP II MAGNU	1.60	QMA	9	99	99	96	0	99	99
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
3A	»LEXAR EZ 3.7SC	1.80	QMA	9	99	99	98	0	99	99
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
4A	»SURESTART II 4	1.75	PMA	9	99	99	96	0	99	99
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
5A	»HARNESS EXTRA	1.80	QMA	9	99	99	98	0	99	99
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
6A	»VERDICT 5.57L	14.00	ZMA	9	99	99	98	0	99	99
B	»ACURON GT 4.29	3.75	PMA	12						
C	»ACTIVATOR 90	0.25	PMV	12						
D	»LIQUID AMS	2.50	PMV	12						
7A	»SURESTART II 4	1.75	PMA	9	99	99	95	0	99	98
B	»RESICORE 3.29S	1.25	QMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»LIQUID AMS	2.50	PMV	12						
8A	»HARNESS EXTRA	1.80	QMA	9	99	99	89	0	99	99
B	»LAUDIS 3.5SC	3.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»SUPERB HC	0.50	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
9A	»VERDICT 5.57L	14.00	ZMA	9	99	99	98	0	99	99
B	»ARMEZON PRO 5.	20.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»LIQUID AMS	2.50	PMV	12						
10A	»HARNESS EXTRA	1.80	QMA	9	99	99	94	0	99	99
B	»DIFLEXX 4L	6.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
11A	»HARNESS EXTRA	1.80	QMA	9	99	99	91	0	99	98
B	»LAUDIS 3.5SC	3.00	ZMA	12						
C	»WARRANT 3L	1.50	QMA	12						
D	»RNDUP POWERMAX	26.60	ZMA	12						
E	»ACTIVATOR 90	0.25	PMV	12						
F	»LIQUID AMS	2.50	PMV	12						
12A	»HARNESS EXTRA	1.80	QMA	9	99	99	97	0	99	99
B	»HARNESS MAX 3.	40.00	ZMA	12						
C	»RNDUP POWERMAX	26.60	ZMA	12						
D	»ACTIVATOR 90	0.25	PMV	12						
E	»LIQUID AMS	2.50	PMV	12						
	LSD (0.05)				0.0	0.5	3.9	0.0	0.5	0.8
	STANDARD DEVIATION				0.0	0.2	1.9	0.0	0.2	0.4

DATA MEAN

TITLE: Acuron GT: Evaluation of Weed Control and Crop Tolerance in a Two Pass System. MF-1700
CREATED: 04/27/2020 **REVISED:** 10/20/2020 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 30.00 FT **LONG**
PLOT AREA: 225.00 SFT
REPS: 04

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	PHBPU CON % 08/25/20	ZEAMD BU/A 10/15/20
1A	CHECK	0.00	NA	0	0	136.4
2A	»BICEP II MAGNU	1.60	QMA	9	96	144.8
B	»ACURON GT 4.29	3.75	PMA	12		
C	»ACTIVATOR 90	0.25	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
3A	»LEXAR EZ 3.7SC	1.80	QMA	9	97	147.5
B	»ACURON GT 4.29	3.75	PMA	12		
C	»ACTIVATOR 90	0.25	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
4A	»SURESTART II 4	1.75	PMA	9	96	150.8
B	»ACURON GT 4.29	3.75	PMA	12		
C	»ACTIVATOR 90	0.25	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
5A	»HARNESS EXTRA	1.80	QMA	9	98	151.2
B	»ACURON GT 4.29	3.75	PMA	12		
C	»ACTIVATOR 90	0.25	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
6A	»VERDICT 5.57L	14.00	ZMA	9	98	142.3
B	»ACURON GT 4.29	3.75	PMA	12		
C	»ACTIVATOR 90	0.25	PMV	12		
D	»LIQUID AMS	2.50	PMV	12		
7A	»SURESTART II 4	1.75	PMA	9	95	143.8
B	»RESICORE 3.29S	1.25	QMA	12		
C	»RNDUP POWERMAX	26.60	ZMA	12		
D	»LIQUID AMS	2.50	PMV	12		
8A	»HARNESS EXTRA	1.80	QMA	9	87	148.4
B	»LAUDIS 3.5SC	3.00	ZMA	12		
C	»RNDUP POWERMAX	26.60	ZMA	12		
D	»SUPERB HC	0.50	PMV	12		
E	»LIQUID AMS	2.50	PMV	12		
9A	»VERDICT 5.57L	14.00	ZMA	9	97	153.1
B	»ARMEZON PRO 5.	20.00	ZMA	12		
C	»RNDUP POWERMAX	26.60	ZMA	12		
D	»LIQUID AMS	2.50	PMV	12		
10A	»HARNESS EXTRA	1.80	QMA	9	88	150.5
B	»DIFLEXX 4L	6.00	ZMA	12		
C	»RNDUP POWERMAX	26.60	ZMA	12		
11A	»HARNESS EXTRA	1.80	QMA	9	89	149.1
B	»LAUDIS 3.5SC	3.00	ZMA	12		
C	»WARRANT 3L	1.50	QMA	12		
D	»RNDUP POWERMAX	26.60	ZMA	12		
E	»ACTIVATOR 90	0.25	PMV	12		
F	»LIQUID AMS	2.50	PMV	12		
12A	»HARNESS EXTRA	1.80	QMA	9	97	149.6
B	»HARNESS MAX 3.	40.00	ZMA	12		
C	»RNDUP POWERMAX	26.60	ZMA	12		
D	»ACTIVATOR 90	0.25	PMV	12		
E	»LIQUID AMS	2.50	PMV	12		
	LSD (0.05)				5.7	9.47
	STANDARD DEVIATION				2.8	4.69

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**

***** CONTINUE ON NEXT PAGE**

00 = --- / UNTREATED TIMING
00 = --- / UNTREATED TIMING
09 = --- / PREEMERGENCE 06/12/2020(1)
12 = --- / POST 06/30/2020(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 %	06/30/2020	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	07/07/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/07/2020	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/07/2020	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	07/07/2020	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/28/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	07/28/2020	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	07/28/2020	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	07/28/2020	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ZEAMD	CON %	08/25/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	08/25/2020	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	CON %	08/25/2020	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	08/25/2020	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ZEAMD	BU/A	10/15/2020	01	P	ZEAMD		RAW	ALL	YLD	BU	---	1.00 A	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = DKC62-52

*** STAGE CODE**
14 = 4 LEAVES UNFOLDED