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: 3

APPL. NUMBER	01	UNIT
TIMINGS	11	
TYPE	LIQUID MI	
APPLICATION DATE	06/24/20	AME
TIME - BEGIN	14:40	24H
TIME - END	15:00	24H
AIR TEMPERATURE	80	F
% REL.HUMIDITY	47	
WIND DIRECTION	NORTHWEST	
WIND SPEED	3.0	M/H
CLOUD COVER	PAR.CLOUD	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	75/4.00	F/IN
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE VOLUME	0.00	GPM
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	N/A	
SWATH WIDTH	7.5	FT
BOOM HEIGHT	20.0	IN
SPEED	3.00	M/H
MIX SIZE	0.330	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	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	
CROP *		
P, Dent corn	---/12	
DKC62-52	5.00/5.00	IN
(PLANTED) 06/12/2020	12 DAP	
PEST *		
P, Waterhemp, commo	---/11	
	0.25/1.00	IN
P, Tall morning glo	---/10	
	0.50/1.00	IN
P, Giant foxtail	---/12	
	0.50/1.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST *		
P, Common cocklebur	---/10	
	0.50/1.50	IN

*** TIMING CODES**
11 = --- / EPOST

*** STAGE CODE**
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
12 = 2 LEAVES UNFOLDED

TITLE: Acuron GT: Evaluation of Weed Control and Crop Tolerance in a One 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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 07/01/20	ZEAMD CON % 07/22/20	SETFA CON % 07/22/20	AMATA CON % 07/22/20	PHBPU CON % 07/22/20	XANST CON % 07/22/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ACURON GT 4.29	3.75	PMA	11	0	0	99	94	94	99
B	»ACTIVATOR 90	0.25	PMV	11						
C	»LIQUID AMS	2.50	PMV	11						
3A	»HALEX GT 4.38L	3.60	PMA	11	0	0	99	97	93	99
B	»ACTIVATOR 90	0.25	PMV	11						
C	»LIQUID AMS	2.50	PMV	11						
4A	»RESICORE 3.29S	1.25	QMA	11	0	0	99	99	97	97
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
5A	»CAPRENO 3.45 S	3.00	ZMA	11	0	0	93	57	87	93
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
6A	»HARNESS MAX 3.	40.00	ZMA	11	0	0	99	99	96	99
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
7A	»ARMEZON PRO 5.	20.00	ZMA	11	0	0	99	95	84	96
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
8A	»LAUDIS 3.5SC	3.00	ZMA	11	0	0	81	73	89	96
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»SUPERB HC	0.50	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
9A	»DIFLEXX DUO 1.	32.00	ZMA	11	0	0	83	92	90	98
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»SUPERB HC	0.50	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
	LSD (0.05)				0.0	0.0	11.1	9.5	6.0	2.8
	STANDARD DEVIATION				0.0	0.0	5.3	4.5	2.9	1.3

DATA MEAN

TITLE: Acuron GT: Evaluation of Weed Control and Crop Tolerance in a One Pass System. MF-1700
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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: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ZEAMD CON % 08/19/20	SETFA CON % 08/19/20	AMATA CON % 08/19/20	PHBPU CON % 08/19/20	XANST CON % 08/19/20	ZEAMD BU/A 10/15/20
1A	CHECK	0.00	NA	0	0	0	0	0	0	133.5
2A	»ACURON GT 4.29	3.75	PMA	11	0	99	91	91	99	153.1
B	»ACTIVATOR 90	0.25	PMV	11						
C	»LIQUID AMS	2.50	PMV	11						
3A	»HALEX GT 4.38L	3.60	PMA	11	0	99	92	90	99	147.1
B	»ACTIVATOR 90	0.25	PMV	11						
C	»LIQUID AMS	2.50	PMV	11						
4A	»RESICORE 3.29S	1.25	QMA	11	0	99	99	95	97	148.8
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
5A	»CAPRENO 3.45 S	3.00	ZMA	11	0	91	53	78	90	141.2
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
6A	»HARNESS MAX 3.	40.00	ZMA	11	0	99	99	94	99	154.1
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
7A	»ARMEZON PRO 5.	20.00	ZMA	11	0	99	93	77	99	145.7
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»LIQUID AMS	2.50	PMV	11						
8A	»LAUDIS 3.5SC	3.00	ZMA	11	0	75	63	70	85	142.1
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»SUPERB HC	0.50	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
9A	»DIFLEXX DUO 1.	32.00	ZMA	11	0	74	85	85	96	148.0
B	»RNDUP POWERMAX	26.60	ZMA	11						
C	»SUPERB HC	0.50	PMV	11						
D	»LIQUID AMS	2.50	PMV	11						
10A	CHECK	0.00	NA	0	0	0	0	0	0	143.8
	LSD (0.05)				0.0	16.1	12.9	8.9	3.2	17.85
	STANDARD DEVIATION				0.0	7.7	6.2	4.2	1.5	8.50

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
11 = --- / EPOST 06/24/2020(1)

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 %	07/01/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ZEAMD	CON %	07/22/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	07/22/2020	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/22/2020	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	07/22/2020	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	XANST	CON %	07/22/2020	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	08/19/2020	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	08/19/2020	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	08/19/2020	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	08/19/2020	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	08/19/2020	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	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