APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 5.6
%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	05/29/18	AME
TIME - BEGIN	14:25	24H
TIME - END	14:45	24H
AIR TEMPERATURE	83	F
% REL.HUMIDITY	52	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	7.0	M/H
CLOUD COVER	CLOUDY-~6	
DEW	TO BE SEL	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	80/4.00	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	---/14	
DKC64-87	12.0/14.0	IN
(PLANTED) 05/02/2018	27 DAP	
PEST *		
P, Velvetleaf	---/15	
	2.00/6.00	IN
P, Amaranth, Palmer	---/19	
	2.00/10.0	IN
P, Barnyardgrass, c	---/13	
	3.00/5.00	IN

*** CONTINUE

APPLICATIONS

SPECIE AND STAGE	DEN / STG MIN / MAX	
PEST *		
P, Tall morning glo	---/14	
	1.50/2.50	IN

*** TIMING CODES**

11 = --- / EPOST

*** STAGE CODE**

13 = 3 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: Acuron POST with adjuvants in Corn. VC-1
CREATED: 04/24/2018 **REVISED:** 08/27/2018 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL.
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 % 06/05/18	ECHCG CON % 06/05/18	ABUTH CON % 06/05/18	AMAPA CON % 06/05/18	PHBPU CON % 06/05/18	ZEAMD CON % 06/12/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ACURON 3.44 ZC	2.15	LAA	11	0	38	65	68	60	0
3A	»ACURON 3.44 ZC	2.15	LAA	11	0	33	75	76	60	0
B	»PREFERENCE	0.25	PMV	11						
4A	»ACURON 3.44 ZC	2.15	LAA	11	0	40	79	77	68	0
B	»AG 16134	0.25	PMV	11						
5A	»ACURON 3.44 ZC	2.15	LAA	11	0	53	79	79	74	0
B	»AG 17047	0.25	PMV	11						
6A	»ACURON 3.44 ZC	2.15	LAA	11	0	40	79	72	67	0
B	»PREFERENCE	0.25	PMV	11						
C	»INTERLOCK	2.00	ZMA	11						
7A	»ACURON 3.44 ZC	2.15	LAA	11	0	43	77	72	62	0
B	»AG 16134	0.25	PMV	11						
C	»INTERLOCK	2.00	ZMA	11						
8A	»ACURON 3.44 ZC	2.15	LAA	11	0	43	70	76	62	0
B	»ACCUDROP	3.00	ZMA	11						
9A	»ACURON 3.44 ZC	2.15	LAA	11	0	43	74	77	57	0
B	»PREFERENCE	0.25	PMV	11						
C	»ACCUDROP	3.00	ZMA	11						
10A	»ACURON 3.44 ZC	2.15	LAA	11	0	48	75	77	65	0
B	»AG 16134	0.25	PMV	11						
C	»ACCUDROP	3.00	ZMA	11						
11A	»ACURON 3.44 ZC	2.15	LAA	11	1	42	74	78	62	0
B	»AG 17047	0.25	PMV	11						
C	»ACCUDROP	3.00	ZMA	11						
12A	»ACURON 3.44 ZC	2.15	LAA	11	0	39	73	77	73	0
B	»MASTERLOCK	6.40	ZMA	11						
13A	»ACURON 3.44 ZC	2.15	LAA	11	1	42	75	79	69	0
B	»PRIME OIL	1.00	PMV	11						
14A	»ACURON 3.44 ZC	2.15	LAA	11	0	44	74	71	62	0
B	»SUPERB HC	1.00	PMA	11						
	LSD (0.05)				0.7	6.1	7.0	6.0	7.5	0.0
	STANDARD DEVIATION				0.3	3.0	3.4	2.9	3.6	0.0

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LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL.
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	ECHCG CON % 06/12/18	ABUTH CON % 06/12/18	AMAPA CON % 06/12/18	PHBPU CON % 06/12/18	ZEAMD CON % 06/27/18	ECHCG CON % 06/27/18
1A	CHECK	0.00	NA	0	0	0	0	0	0	0
2A	»ACURON 3.44 ZC	2.15	LAA	11	60	99	90	73	0	67
3A	»ACURON 3.44 ZC	2.15	LAA	11	52	99	87	77	0	55
B	»PREFERENCE	0.25	PMV	11						
4A	»ACURON 3.44 ZC	2.15	LAA	11	65	99	95	83	0	67
B	»AG 16134	0.25	PMV	11						
5A	»ACURON 3.44 ZC	2.15	LAA	11	65	99	95	85	0	67
B	»AG 17047	0.25	PMV	11						
6A	»ACURON 3.44 ZC	2.15	LAA	11	43	99	88	76	0	65
B	»PREFERENCE	0.25	PMV	11						
C	»INTERLOCK	2.00	ZMA	11						
7A	»ACURON 3.44 ZC	2.15	LAA	11	60	99	98	85	0	68
B	»AG 16134	0.25	PMV	11						
C	»INTERLOCK	2.00	ZMA	11						
8A	»ACURON 3.44 ZC	2.15	LAA	11	48	99	93	53	0	55
B	»ACCUDROP	3.00	ZMA	11						
9A	»ACURON 3.44 ZC	2.15	LAA	11	55	99	96	63	0	55
B	»PREFERENCE	0.25	PMV	11						
C	»ACCUDROP	3.00	ZMA	11						
10A	»ACURON 3.44 ZC	2.15	LAA	11	53	99	99	67	0	65
B	»AG 16134	0.25	PMV	11						
C	»ACCUDROP	3.00	ZMA	11						
11A	»ACURON 3.44 ZC	2.15	LAA	11	60	99	98	65	0	68
B	»AG 17047	0.25	PMV	11						
C	»ACCUDROP	3.00	ZMA	11						
12A	»ACURON 3.44 ZC	2.15	LAA	11	72	99	98	73	0	77
B	»MASTERLOCK	6.40	ZMA	11						
13A	»ACURON 3.44 ZC	2.15	LAA	11	62	99	99	88	0	70
B	»PRIME OIL	1.00	PMV	11						
14A	»ACURON 3.44 ZC	2.15	LAA	11	68	99	99	83	0	77
B	»SUPERB HC	1.00	PMA	11						
	LSD (0.05)				9.2	0.0	9.2	9.8	0.0	12.8
	STANDARD DEVIATION				4.5	0.0	4.5	4.8	0.0	6.2

DATA MEAN

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL.
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	ABUTH CON % 06/27/18	AMAPA CON % 06/27/18	PHBPU CON % 06/27/18
1A	CHECK	0.00	NA	0	0	0	0
2A	»ACURON 3.44 ZC	2.15	LAA	11	99	93	77
3A	»ACURON 3.44 ZC	2.15	LAA	11	99	89	78
B	»PREFERENCE	0.25	PMV	11			
4A	»ACURON 3.44 ZC	2.15	LAA	11	99	97	90
B	»AG 16134	0.25	PMV	11			
5A	»ACURON 3.44 ZC	2.15	LAA	11	99	99	91
B	»AG 17047	0.25	PMV	11			
6A	»ACURON 3.44 ZC	2.15	LAA	11	99	88	83
B	»PREFERENCE	0.25	PMV	11			
C	»INTERLOCK	2.00	ZMA	11			
7A	»ACURON 3.44 ZC	2.15	LAA	11	99	95	80
B	»AG 16134	0.25	PMV	11			
C	»INTERLOCK	2.00	ZMA	11			
8A	»ACURON 3.44 ZC	2.15	LAA	11	99	99	62
B	»ACCUDROP	3.00	ZMA	11			
9A	»ACURON 3.44 ZC	2.15	LAA	11	99	96	72
B	»PREFERENCE	0.25	PMV	11			
C	»ACCUDROP	3.00	ZMA	11			
10A	»ACURON 3.44 ZC	2.15	LAA	11	99	98	77
B	»AG 16134	0.25	PMV	11			
C	»ACCUDROP	3.00	ZMA	11			
11A	»ACURON 3.44 ZC	2.15	LAA	11	99	99	70
B	»AG 17047	0.25	PMV	11			
C	»ACCUDROP	3.00	ZMA	11			
12A	»ACURON 3.44 ZC	2.15	LAA	11	99	97	87
B	»MASTERLOCK	6.40	ZMA	11			
13A	»ACURON 3.44 ZC	2.15	LAA	11	99	98	83
B	»PRIME OIL	1.00	PMV	11			
14A	»ACURON 3.44 ZC	2.15	LAA	11	99	99	93
B	»SUPERB HC	1.00	PMA	11			
	LSD (0.05)				0.0	7.4	11.9
	STANDARD DEVIATION				0.0	3.6	5.8

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
11 = --- / EPOST 05/29/2018(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 %	06/05/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	ECHCG	CON %	06/05/2018	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ABUTH	CON %	06/05/2018	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMAPA	CON %	06/05/2018	04	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	06/05/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	06/12/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ECHCG	CON %	06/12/2018	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	06/12/2018	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Acuron POST with adjuvants in Corn. VC-1

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
009	AMAPA	CON %	06/12/2018	04	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	CON %	06/12/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ZEAMD	CON %	06/27/2018	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ECHCG	CON %	06/27/2018	02	P	ECHCG		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	ABUTH	CON %	06/27/2018	03	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMAPA	CON %	06/27/2018	04	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/27/2018	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

*** SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)**
01 = DKC64-87