

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.4  
 %OM: 4.6  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET  
 PLOT AREA: 225 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQUID MI	
APPLICATION DATE	05/13/15	AME
AIR TEMPERATURE	58	F
% REL.HUMIDITY	44	
WIND DIRECTION	NORTHEAST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLEAR-0%	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	TO BE SEL	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
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	
PEST *		
P, RAGWEED, COMMON	---/13 1.00/2.00	IN
P, LAMBSQUARTERS, C	---/19 1.00/4.00	IN
P, HORSEWEED / MARE	---/19 1.00/5.00	IN
P, HENBIT	---/18 2.00/4.00	IN
P, MORNINGGLORY, TA	---/11 1.00/1.00	IN
P, FOXTAIL, GIANT	---/13 1.00/2.00	IN
P, CHICKWEED, COMMO	---/16 1.00/2.00	IN

\* TIMING CODES

06 = --- / EPP 7DBP

## \* STAGE CODE

11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED  
13 = 3 LEAVES UNFOLDED  
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** Acuron Combinations for Weed Control in No-till Corn. N-200  
**CREATED:** 04/14/2015 **REVISED:** 07/21/2015 **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			STEME	LAMAM	ERICA	CHEAL	SETFA	AMBEL
		RATE	UNIT	TM	CON % 05/26/15	CON % 05/26/15	CON % 05/26/15	CON % 05/26/15	CON % 05/26/15	CON % 05/26/15
1A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	94	82	98
2A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	97	99
3A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	98	78	99
	B»ACTIVATOR 90	0.25	PMV	6						
4A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	97	99
	B»ACTIVATOR 90	0.25	PMV	6						
5A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	99	91	99
	B»COC	1.00	PMV	6						
6A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	99	99
	B»COC	1.00	PMV	6						
7A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	99	93	99
	B»MSO	1.00	PMV	6						
8A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	99	99
	B»MSO	1.00	PMV	6						
9A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	99	78	99
	B»2,4-D LVE	0.47	LAA	6						
	C»COC	1.00	PMV	6						
10A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	98	99
	B»2,4-D LVE	0.47	LAA	6						
	C»COC	1.00	PMV	6						
11A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	6						
12A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	6						
13A»	ACURON 3.44 ZC	1.29	LAA	6	99	99	99	99	98	99
	B»GRAMOX INTEON	0.875	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
14A»	ACURON 3.44 ZC	2.57	LAA	6	99	99	99	99	99	99
	B»GRAMOX INTEON	0.875	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
15A»	GRAMOX INTEON	0.875	LAA	6	99	99	99	99	98	99
	B»2,4-D LVE	0.47	LAA	6						
	C ATRAZINE DF	1.00	LAA	6						
	D»ACTIVATOR 90	0.25	PMV	6						
16A»	GRAMOX INTEON	0.875	LAA	6	99	99	99	95	83	98
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
17A»	CORVUS 2.6SC	0.114	LAA	6	99	99	98	97	80	99
	B ATRAZINE DF	1.00	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			0.00	0.00	0.898	1.80	10.00	0.644
		STANDARD DEVIATION			0.00	0.00	0.444	0.892	4.95	0.319

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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			PHBPU CON % 05/26/15	ZEAMD CON % 06/10/15	STEME CON % 06/10/15	LAMAM CON % 06/10/15	ERICA CON % 06/10/15	CHEAL CON % 06/10/15
		RATE	UNIT	TM						
1A»	ACURON 3.44 ZC	1.29	LAA	6	95	0	99	99	99	98
2A»	ACURON 3.44 ZC	2.57	LAA	6	99	0	99	99	99	99
3A»	ACURON 3.44 ZC	1.29	LAA	6	98	0	99	99	99	99
	B»ACTIVATOR 90	0.25	PMV	6						
4A»	ACURON 3.44 ZC	2.57	LAA	6	98	0	99	99	99	99
	B»ACTIVATOR 90	0.25	PMV	6						
5A»	ACURON 3.44 ZC	1.29	LAA	6	96	0	99	99	99	99
	B»COC	1.00	PMV	6						
6A»	ACURON 3.44 ZC	2.57	LAA	6	99	0	99	99	99	99
	B»COC	1.00	PMV	6						
7A»	ACURON 3.44 ZC	1.29	LAA	6	99	0	99	99	99	99
	B»MSO	1.00	PMV	6						
8A»	ACURON 3.44 ZC	2.57	LAA	6	99	0	99	99	99	99
	B»MSO	1.00	PMV	6						
9A»	ACURON 3.44 ZC	1.29	LAA	6	98	0	99	99	99	99
	B»2,4-D LVE	0.47	LAA	6						
	C»COC	1.00	PMV	6						
10A»	ACURON 3.44 ZC	2.57	LAA	6	98	0	99	99	99	99
	B»2,4-D LVE	0.47	LAA	6						
	C»COC	1.00	PMV	6						
11A»	ACURON 3.44 ZC	1.29	LAA	6	99	0	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	6						
12A»	ACURON 3.44 ZC	2.57	LAA	6	99	0	99	99	99	99
	B»TOUCHDN TOTAL	0.78	LAA	6						
13A»	ACURON 3.44 ZC	1.29	LAA	6	98	0	99	99	99	99
	B»GRAMOX INTEON	0.875	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
14A»	ACURON 3.44 ZC	2.57	LAA	6	99	0	99	99	99	99
	B»GRAMOX INTEON	0.875	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
15A»	GRAMOX INTEON	0.875	LAA	6	98	0	99	99	99	99
	B»2,4-D LVE	0.47	LAA	6						
	C ATRAZINE DF	1.00	LAA	6						
	D»ACTIVATOR 90	0.25	PMV	6						
16A»	GRAMOX INTEON	0.875	LAA	6	94	0	99	99	99	99
	B»SHARPEN 2.85L	0.022	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
17A»	CORVUS 2.6SC	0.114	LAA	6	96	0	99	99	99	99
	B ATRAZINE DF	1.00	LAA	6						
	C»ACTIVATOR 90	0.25	PMV	6						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
		LSD (0.05)			1.87	0.00	0.00	0.00	0.00	0.449
		STANDARD DEVIATION			0.926	0.00	0.00	0.00	0.00	0.222



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**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			ERICA CON % 06/18/15	CHEAL CON % 06/18/15	SETFA CON % 06/18/15	AMBEL CON % 06/18/15	PHBPU CON % 06/18/15
		RATE	UNIT	TM					
1A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	62	99	78
2A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	89	99	95
3A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	57	99	83
	B»ACTIVATOR 90	0.25	PMV	6					
4A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	84	99	96
	B»ACTIVATOR 90	0.25	PMV	6					
5A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	72	99	83
	B»COC	1.00	PMV	6					
6A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	97	99	96
	B»COC	1.00	PMV	6					
7A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	80	99	81
	B»MSO	1.00	PMV	6					
8A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	94	99	88
	B»MSO	1.00	PMV	6					
9A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	67	99	73
	B»2,4-D LVE	0.47	LAA	6					
	C»COC	1.00	PMV	6					
10A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	91	99	93
	B»2,4-D LVE	0.47	LAA	6					
	C»COC	1.00	PMV	6					
11A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	87	99	85
	B»TOUCHDN TOTAL	0.78	LAA	6					
12A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	98	99	95
	B»TOUCHDN TOTAL	0.78	LAA	6					
13A	»ACURON 3.44 ZC	1.29	LAA	6	99	99	85	99	82
	B»GRAMOX INTEON	0.875	LAA	6					
	C»ACTIVATOR 90	0.25	PMV	6					
14A	»ACURON 3.44 ZC	2.57	LAA	6	99	99	93	99	93
	B»GRAMOX INTEON	0.875	LAA	6					
	C»ACTIVATOR 90	0.25	PMV	6					
15A	»GRAMOX INTEON	0.875	LAA	6	99	99	72	99	68
	B»2,4-D LVE	0.47	LAA	6					
	C ATRAZINE DF	1.00	LAA	6					
	D»ACTIVATOR 90	0.25	PMV	6					
16A	»GRAMOX INTEON	0.875	LAA	6	99	83	47	67	65
	B»SHARPEN 2.85L	0.022	LAA	6					
	C»ACTIVATOR 90	0.25	PMV	6					
17A	»CORVUS 2.6SC	0.114	LAA	6	99	99	77	99	88
	B ATRAZINE DF	1.00	LAA	6					
	C»ACTIVATOR 90	0.25	PMV	6					
18A	CHECK	0.00	NA	0	0	0	0	0	0
		LSD (0.05)			0.00	2.25	11.94	5.94	7.64
		STANDARD DEVIATION			0.00	1.11	5.91	2.94	3.78

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

00 = --- / UNTREATED TIMING

## \* TIMING CODES

06 = --- / EPP 7DBP 05/13/2015(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	STEME	CON %	05/26/2015	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/26/2015	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/26/2015	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/26/2015	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	05/26/2015	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMBEL	CON %	05/26/2015	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PHBPU	CON %	05/26/2015	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/10/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	STEME	CON %	06/10/2015	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	LAMAM	CON %	06/10/2015	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	06/10/2015	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	06/10/2015	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	SETFA	CON %	06/10/2015	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	AMBEL	CON %	06/10/2015	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	CON %	06/10/2015	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ZEAMD	CON %	06/18/2015	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	STEME	CON %	06/18/2015	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	LAMAM	CON %	06/18/2015	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ERICA	CON %	06/18/2015	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	CHEAL	CON %	06/18/2015	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	CON %	06/18/2015	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMBEL	CON %	06/18/2015	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	PHBPU	CON %	06/18/2015	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DKC 62-77