APPLICATIONS

SOIL INFORMATION

TEXTURE: SIL
PH: 5.7
%OM: 3.2
PREV.CROP: ZEAMD - Dent corn
%RESIDUE: 0
PLOT WIDTH: 7.5 X 75 FEET
PLOT AREA: 562.5 FEET

TRIAL INFORMATION

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQUID MI	
APPLICATION DATE	05/14/19	AME
TIME - BEGIN	14:30	24H
TIME - END	15:00	24H
AIR TEMPERATURE	75	F
% REL.HUMIDITY	38	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	4.0	M/H
CLOUD COVER	CLOUDY-~6	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	TO BE SEL	
SOIL TEMP/DEPTH	60/4.00	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	0.240	
MIX SIZE UNIT	GAL	
SPRAY VOLUME	56.00	
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	---/16	
	1.00/4.00	IN
P, Lambsquarters, c	---/19	
	1.00/3.00	IN
P, Mare's tail / Ho	---/19	
	3.00/5.00	IN
P, Giant foxtail	---/12	
	1.00/3.00	IN

*** TIMING CODES**
06 = --- / EPP 7DBP

*** STAGE CODE**
12 = 2 LEAVES UNFOLDED

*** STAGE CODE**
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: UAN + ATS burndown study .
CREATED: 05/13/2019 **REVISED:** 09/12/2019 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: URBANA **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 75.00 FT **LONG**
PLOT AREA: 562.50 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ERICA CON % 05/24/19	AMBEL CON % 05/24/19	SETFA CON % 05/24/19	CHEAL CON % 05/24/19
1A	»32% CARRIER	60.00	LAA	1	27	48	90	99
B	»RNDUP POWERMAX	1.13	LAA	1				
2A	»32% CARRIER	60.00	LAA	1	96	83	40	77
B	»GRAMOXONE SL 2	0.50	LAA	1				
C	»ACTIVATOR 90	0.25	PMV	1				
3A	»32% CARRIER	60.00	LAA	1	99	96	94	98
B	»RNDUP POWERMAX	1.13	LAA	1				
C	»ACURON 3.44 ZC	2.34	LAA	1				
4A	»32% CARRIER	60.00	LAA	1	99	99	91	99
B	»GRAMOXONE SL 2	0.50	LAA	1				
C	»ACURON 3.44 ZC	2.34	LAA	1				
D	»ACTIVATOR 90	0.25	PMV	1				
5A	»32% CARRIER	60.00	LAA	2	33	47	96	99
B	»ATS	5.00	GLA	2				
C	»RNDUP POWERMAX	1.13	LAA	2				
6A	»32% CARRIER	60.00	LAA	2	57	47	47	53
B	»ATS	5.00	GLA	2				
C	»GRAMOXONE SL 2	0.50	LAA	2				
D	»ACTIVATOR 90	0.25	PMV	2				
7A	»32% CARRIER	60.00	LAA	2	99	99	95	99
B	»ATS	5.00	GLA	2				
C	»RNDUP POWERMAX	1.13	LAA	2				
D	»ACURON 3.44 ZC	2.34	LAA	2				
8A	»32% CARRIER	60.00	LAA	2	99	99	92	99
B	»ATS	5.00	GLA	2				
C	»GRAMOXONE SL 2	0.50	LAA	2				
D	»ACURON 3.44 ZC	2.34	LAA	2				
E	»ACTIVATOR 90	0.25	PMV	2				
9A	»32% CARRIER	180.00	LAA	3	30	86	98	96
B	»RNDUP POWERMAX	1.13	LAA	3				
10A	»32% CARRIER	180.00	LAA	3	96	99	42	99
B	»GRAMOXONE SL 2	0.50	LAA	3				
C	»ACTIVATOR 90	0.25	PMV	3				
11A	»32% CARRIER	180.00	LAA	3	99	99	99	99
B	»RNDUP POWERMAX	1.13	LAA	3				
C	»ACURON 3.44 ZC	2.34	LAA	3				
12A	»32% CARRIER	180.00	LAA	3	99	99	99	99
B	»GRAMOXONE SL 2	0.50	LAA	3				
C	»ACURON 3.44 ZC	2.34	LAA	3				
D	»ACTIVATOR 90	0.25	PMV	3				
13A	»32% CARRIER	180.00	LAA	4	40	85	99	99
B	»ATS	5.00	GLA	4				
C	»RNDUP POWERMAX	1.13	LAA	4				
14A	»32% CARRIER	180.00	LAA	4	96	73	53	94
B	»ATS	5.00	GLA	4				
C	»GRAMOXONE SL 2	0.50	LAA	4				
D	»ACTIVATOR 90	0.25	PMV	4				
15A	»32% CARRIER	180.00	LAA	4	99	99	99	99
B	»ATS	5.00	GLA	4				
C	»RNDUP POWERMAX	1.13	LAA	4				
D	»ACURON 3.44 ZC	2.34	LAA	4				

TITLE: UAN + ATS burndown study .

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ERICA CON % 05/24/19	AMBEL CON % 05/24/19	SETFA CON % 05/24/19	CHEAL CON % 05/24/19
	16A»32% CARRIER	180.00	LAA	4	99	99	85	99
	B»ATS	5.00	GLA	4				
	C»GRAMOXONE SL 2	0.50	LAA	4				
	D»ACURON 3.44 ZC	2.34	LAA	4				
	E»ACTIVATOR 90	0.25	PMV	4				
	17A»32% CARRIER	60.00	LAA	1	0	0	0	0
	18A»32% CARRIER	60.00	LAA	2	0	0	0	0
	B»ATS	5.00	GLA	2				
	19A»32% CARRIER	180.00	LAA	3	23	20	20	20
	20A»32% CARRIER	180.00	LAA	4	25	23	20	20
	B»ATS	5.00	GLA	4				
	21A CHECK	0.00	NA	0	0	0	0	0
	LSD (0.05)				7.1	13.2	13.6	7.0
	STANDARD DEVIATION				3.5	6.5	6.8	3.5

» **= SUPPLEMENTAL CHEMICAL**

*** TIMING CODES**
00 = --- / UNTREATED TIMING
01 = --- / FALL APPL'D
02 = --- / EPP 60DBP
03 = --- / EPP 45DBP
04 = --- / EPP 30DBP

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ERICA	CON %	05/24/2019	01	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMBEL	CON %	05/24/2019	02	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	05/24/2019	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/24/2019	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N