

SOIL INFORMATION

TEXTURE: SIL
 PH: 6.4
 %OM: 4.8
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

TRIAL INFORMATION

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/21/13	AME
AIR TEMPERATURE	85	F
% REL.HUMIDITY	50	
WIND DIRECTION	SOUTH	
WIND SPEED	8.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
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	---	
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, WATERHEMP, COMMO	---/19 2.00/10.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Dicamba and 2,4-D for Control of Glyph. Resis. WH on Bare Ground. Douglas Co.
CREATED: 05/24/2013 **REVISED:** 12/06/2013 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Douglas Co. **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	TREATMENT	DOSAGE		AMATA	AMATA	AMATA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %	CON %
				06/28/13	07/05/13	07/12/13
1A	CLARITY	0.005	LAA 12	23	3	0
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
2A	CLARITY	0.0097	LAA 12	27	33	10
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
3A	CLARITY	0.0187	LAA 12	10	32	8
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
4A	CLARITY	0.036	LAA 12	13	18	25
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
5A	CLARITY	0.0696	LAA 12	20	37	22
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
6A	CLARITY	0.1342	LAA 12	53	55	38
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
7A	CLARITY	0.259	LAA 12	67	67	62
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
8A	CLARITY	0.50	LAA 12	73	78	77
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
9A	CLARITY	0.965	LAA 12	88	99	99
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
10A	CLARITY	1.862	LAA 12	97	99	99
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
11A	2,4-D-DMA	0.0092	LAA 12	23	30	13
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
12A	2,4-D-DMA	0.0177	LAA 12	0	13	5
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
13A	2,4-D-DMA	0.0342	LAA 12	27	32	7
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
14A	2,4-D-DMA	0.066	LAA 12	63	45	43
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
15A	2,4-D-DMA	0.1275	LAA 12	45	53	38
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
16A	2,4-D-DMA	0.2461	LAA 12	82	77	70
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			
17A	2,4-D-DMA	0.475	LAA 12	87	87	80
	B»ACTIVATOR 90	0.25	PMV 12			
	C»LIQUID AMS	2.50	PMV 12			

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TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMATA CON % 06/28/13	AMATA CON % 07/05/13	AMATA CON % 07/12/13
18A	2,4-D-DMA	0.9168	LAA	12	90	99	96
	B»ACTIVATOR 90	0.25	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
19A	2,4-D-DMA	1.769	LAA	12	97	99	99
	B»ACTIVATOR 90	0.25	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
20A	2,4-D-DMA	3.415	LAA	12	97	99	98
	B»ACTIVATOR 90	0.25	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
LSD (0.05)					21.48	23.40	17.00
STANDARD DEVIATION					10.63	11.58	8.41

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

12 = ----- / POST 06/21/2013(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	AMATA	CON %	06/28/2013	01	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	07/05/2013	01	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMATA	CON %	07/12/2013	01	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N