

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: LS
 PH: 6.5
 %OM: 1.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 25 FEET
 PLOT AREA: 250 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/19/14	AME
AIR TEMPERATURE	86	F
% REL.HUMIDITY	59	
WIND DIRECTION	NORTHEAST	
WIND SPEED	3.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACK/	
PROPELLANT	COMPRESSE	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE DESCRIPTION		
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
SPRAY VOLUME UNIT	GPA	
PRESSURE	32.00	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, AMARANTH, PALMER	---/19 4.00/12.0	IN

* TIMING CODES

12 = ----- / POST

* STAGE CODE

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

TITLE: Dicamba and 2,4-D for Control of Palmer Amaranth on Bare Ground. Kank. Site
CREATED: 04/25/2014 **REVISED:** 09/04/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Kankakee **RESEARCHED BY:**
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 25.00 FT LONG
PLOT AREA: 250.00 SFT

REPS: 03

TRT	TREATMENT	DOSAGE		AMAPA	AMAPA
NUM	COMPONENT	RATE	UNIT TM	CON %	CON %
				06/23/14	06/30/14
1A	CLARITY	0.05	LAA 12	27	30
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
2A	CLARITY	0.073	LAA 12	27	30
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
3A	CLARITY	0.108	LAA 12	25	32
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
4A	CLARITY	0.158	LAA 12	30	32
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
5A	CLARITY	0.232	LAA 12	42	42
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
6A	CLARITY	0.341	LAA 12	52	53
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
7A	CLARITY	0.50	LAA 12	78	55
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
8A	CLARITY	0.734	LAA 12	79	67
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
9A	CLARITY	1.077	LAA 12	87	73
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
10A	2,4-D-DMA	0.0475	LAA 12	13	17
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
11A	2,4-D-DMA	0.073	LAA 12	13	20
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
12A	2,4-D-DMA	0.102	LAA 12	20	28
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
13A	2,4-D-DMA	0.15	LAA 12	30	30
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
14A	2,4-D-DMA	0.22	LAA 12	47	43
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
15A	2,4-D-DMA	0.324	LAA 12	67	63
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
16A	2,4-D-DMA	0.475	LAA 12	67	63
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
17A	2,4-D-DMA	0.697	LAA 12	72	68
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		

TITLE: Dicamba and 2,4-D for Control of Palmer Amaranth on Bare Ground. Kank. Site

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMAPA CON %		AMAPA CON %
		RATE	UNIT		06/23/14	06/30/14	
18A	2,4-D-DMA	1.023	LAA	12	73	68	
	B»ACTIVATOR 90	0.25	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
19A	»STATUS 56DG	0.175	LAA	12	77	81	
	B»ACTIVATOR 90	0.25	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
20A	»STATUS 56DG	0.35	LAA	12	84	87	
	B»ACTIVATOR 90	0.25	PMV	12			
	C»LIQUID AMS	2.50	PMV	12			
LSD (0.05)					7.07	6.35	
STANDARD DEVIATION					3.50	3.14	

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES
12 = ----- / POST 06/19/2014(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	AMAPA	CON %	06/23/2014	01	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMAPA	CON %	06/30/2014	01	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N