

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	02	UNIT
TIMINGS	11 12	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	06/09/14	06/13/14	AME
AIR TEMPERATURE	83	64	F
% REL.HUMIDITY	53	30	
WIND DIRECTION	EAST	NORTH	
WIND SPEED	4.0	7.0	M/H
CLOUD COVER	PARTCLDY	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	MOIST/MOI	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION			
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	
PRESSURE	32.00	32.00	PSI
DILUENT	WATER	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	DEN / STG MIN / MAX	
PEST *			
P, AMARANTH, PALMER	---/19 1.00/5.00	---/19 2.00/8.00	IN

* TIMING CODES

11 = ----- / EPOST
 12 = ----- / POST

* STAGE CODE

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

TITLE: Post Corn and Soybean Herbicide Timings on 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	7 DAT	CON %
		UNIT	TM 06/17/14	06/30/14
1A»	RNDUP POWERMAX	1.50	LAA 11	95
B»	LIQUID AMS	2.50	PMV 11	63
2A»	LIBERTY 2.34L	0.53	LAA 11	85
B»	LIQUID AMS	2.50	PMV 11	62
3A	FLEXSTAR 1.88	0.30	LAA 11	98
B»	COC	1.00	PMV 11	81
C»	LIQUID AMS	2.50	PMV 11	
4A	COBRA 2EC	0.195	LAA 11	98
B»	COC	1.00	PMV 11	73
C»	LIQUID AMS	2.50	PMV 11	
5A	ULTRA BLAZER	0.375	LAA 11	97
B»	COC	1.00	PMV 11	72
C»	LIQUID AMS	2.50	PMV 11	
6A	CLARITY	0.50	LAA 11	57
B»	ACTIVATOR 90	0.25	PMV 11	62
7A	2,4-D-DMA	0.50	LAA 11	47
B»	ACTIVATOR 90	0.25	PMV 11	47
8A	CALLISTO 4SC	0.094	LAA 11	68
B	ATRAZINE DF	0.50	LAA 11	93
C»	COC	1.00	PMV 11	
D»	LIQUID AMS	2.50	PMV 11	
9A»	LAUDIS 3.5SC	0.082	LAA 11	98
B	ATRAZINE DF	0.50	LAA 11	89
C»	COC	1.00	PMV 11	
D»	LIQUID AMS	2.50	PMV 11	
10A	IMPACT 2.8SC	0.016	LAA 11	98
B	ATRAZINE DF	0.50	LAA 11	87
C»	COC	1.00	PMV 11	
D»	LIQUID AMS	2.50	PMV 11	
11A»	FLEXSTAR GT 3.	1.41	LAA 11	98
B»	COC	1.00	PMV 11	92
C»	LIQUID AMS	2.50	PMV 11	
12A	RESOLVE 25DF	0.016	LAA 11	98
B»	MESOTRIONE 50W	0.156	LAA 11	95
C	ATRAZINE DF	0.50	LAA 11	
D»	COC	1.00	PMV 11	
E»	LIQUID AMS	2.50	PMV 11	
13A»	HALEX GT 4.38L	1.97	LAA 11	95
B»	ACTIVATOR 90	0.25	PMV 11	93
C»	LIQUID AMS	2.50	PMV 11	
14A	CHECK	0.00	NA 0	0
15A»	RNDUP POWERMAX	1.50	LAA 12	92
B»	LIQUID AMS	2.50	PMV 12	83
16A»	LIBERTY 2.34L	0.53	LAA 12	82
B»	LIQUID AMS	2.50	PMV 12	62
17A	FLEXSTAR 1.88	0.30	LAA 12	81
B»	COC	1.00	PMV 12	68
C»	LIQUID AMS	2.50	PMV 12	

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TRT	TREATMENT	DOSAGE	AMAPA	AMAPA	
NUM	COMPONENT	RATE	UNIT	7 DAT	CON %
			TM	06/17/14	06/30/14
18A	COBRA 2EC	0.195	LAA 12	68	63
	B»COC	1.00	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
19A	ULTRA BLAZER	0.375	LAA 12	77	57
	B»COC	1.00	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
20A	CLARITY	0.50	LAA 12	67	63
	B»ACTIVATOR 90	0.25	PMV 12		
21A	2,4-D-DMA	0.50	LAA 12	66	58
	B»ACTIVATOR 90	0.25	PMV 12		
22A	CALLISTO 4SC	0.094	LAA 12	98	94
	B ATRAZINE DF	0.50	LAA 12		
	C»COC	1.00	PMV 12		
	D»LIQUID AMS	2.50	PMV 12		
23A»	LAUDIS 3.5SC	0.082	LAA 12	97	89
	B ATRAZINE DF	0.50	LAA 12		
	C»COC	1.00	PMV 12		
	D»LIQUID AMS	2.50	PMV 12		
24A	IMPACT 2.8SC	0.016	LAA 12	95	87
	B ATRAZINE DF	0.50	LAA 12		
	C»COC	1.00	PMV 12		
	D»LIQUID AMS	2.50	PMV 12		
25A»	FLEXSTAR GT 3.	1.41	LAA 12	88	83
	B»COC	1.00	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
26A	RESOLVE 25DF	0.016	LAA 12	98	96
	B»MESOTRIONE 50W	0.156	LAA 12		
	C ATRAZINE DF	0.50	LAA 12		
	D»COC	1.00	PMV 12		
	E»LIQUID AMS	2.50	PMV 12		
27A»	HALEX GT 4.38L	1.97	LAA 12	92	80
	B»ACTIVATOR 90	0.25	PMV 12		
	C»LIQUID AMS	2.50	PMV 12		
28A	CHECK	0.00	NA 0	0	0
		LSD (0.05)		19.20	9.40
		STANDARD DEVIATION		9.60	4.70

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

11 = ----- / EPOST 06/09/2014(1)

12 = ----- / POST 06/09/2014(1), 06/13/2014(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	AMAPA	7 DAT	06/17/2014	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