

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	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/29/14	06/26/14	AME
AIR TEMPERATURE	81	86	F
% REL.HUMIDITY	65	73	
WIND DIRECTION	NORTH	NA/NONE/U	
WIND SPEED	7.0	0.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
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	
CROP *			
P, SOYBEAN		---/15	
HERB TOLERANT VA		8.00/8.00	IN
(PLANTED) 05/29/2014		28 DAP	
PEST *			
P, AMARANTH, PALMER		---/19	
		4.00/12.0	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Comparison of Balance GT*LL Soybean Treatments to Control Palmer Amaranth. Kank. Site.

CREATED: 04/27/2014 REVISED: 09/05/2014

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 NUM COMPONENT	DOSAGE			GLXMA	AMAPA	GLXMA	AMAPA	GLXMA	AMAPA
	RATE	UNIT	TM	CON % 06/17/14	CON % 06/17/14	CON % 06/30/14	CON % 06/30/14	CON % 07/21/14	CON % 07/21/14
1A CHECK	0.00	NA	0	0	0	0	0	0	0
2A»BALANCE BEAN 4	0.094	LAA	9	12	77	2	83	1	87
B SENCOR 75WG	0.375	LAA	9						
C»LIBERTY 2.34L	0.53	LAA	11						
D»ZIDUA 85WG	0.08	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
3A»BALANCE BEAN 4	0.063	LAA	9	8	78	3	84	0	88
B SENCOR 75WG	0.25	LAA	9						
C»LIBERTY 2.34L	0.53	LAA	11						
D»ZIDUA 85WG	0.08	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
4A»BALANCE BEAN 4	0.094	LAA	9	2	80	1	84	0	84
B»ZIDUA 85WG	0.08	LAA	9						
C»LIBERTY 2.34L	0.53	LAA	11						
D»WARRANT 3L	1.125	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
5A»BALANCE BEAN 4	0.063	LAA	9	2	76	3	73	0	88
B VALOR 51WG	0.064	LAA	9						
C»LIBERTY 2.34L	0.53	LAA	11						
D»ZIDUA 85WG	0.08	LAA	11						
E»LIQUID AMS	2.50	PMV	11						
6A»FIERCE 76WG	0.166	LAA	9	1	74	2	80	0	89
B»LIBERTY 2.34L	0.53	LAA	11						
C»ZIDUA 85WG	0.08	LAA	11						
D»LIQUID AMS	2.50	PMV	11						
7A»AUTHOR. MAXX 6	0.35	LAA	9	3	77	17	98	6	99
B»RNDUP POWERMAX	1.125	LAA	11						
C COBRA 2EC	0.125	LAA	11						
D»COC	1.00	PMV	11						
E»LIQUID AMS	2.50	PMV	11						
8A BOUNDARY 6.5EC	1.42	LAA	9	4	66	12	98	0	99
B»FLEXSTAR GT 3.	1.41	LAA	11						
C»MSO	1.00	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)			4.00	8.77	2.26	10.71	2.62	13.00
	STANDARD DEVIATION			1.84	4.09	1.05	5.00	1.22	6.06

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PREEMERGENCE 05/29/2014(1)
11 = ----- / EPOST 06/26/2014(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	GLXMA	CON %	06/17/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMAPA	CON %	06/17/2014	02	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/30/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMAPA	CON %	06/30/2014	02	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	GLXMA	CON %	07/21/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMAPA	CON %	07/21/2014	02	P	AMAPA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)
01 = HERB TOLERANT VARIETY