

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.5
 %OM: 4.0
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET
 PLOT AREA: 300 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	05/26/14	06/16/14	AME
AIR TEMPERATURE	87	79	F
% REL.HUMIDITY	47	67	
WIND DIRECTION	NORTHWEST	NA/NONE/U	
WIND SPEED	3.0	0.0	M/H
CLOUD COVER	PARTCLDY	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		---/14	
A 3231RR		6.00/6.00	IN
(PLANTED) 05/26/2014		21 DAP	
PEST *			
P, WATERHEMP, COMMO		---/19	
		2.00/4.00	IN

* TIMING CODES

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

* STAGE CODE

14 = 4TH LEAF (2ND TRIFOLIATE LEAF) UNFOLDED, 3 NODES
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Authority and Anthem Overlapping Residual Systems for HPPD-Resis. Waterhemp Control.
Sidney

CREATED: 04/27/2014 REVISED: 09/15/2014

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Sidney

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG

PLOT AREA: 300.00 SFT

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	GLXMA	AMATA	GLXMA	AMATA	GLXMA	AMATA
		RATE	UNIT		CON % 06/23/14	CON % 06/23/14	CON % 07/14/14	CON % 07/14/14	CON % 07/21/14	CON % 07/21/14
1A	AUTHOR. FIRST	0.28	LAA	9	0	63	0	86	0	85
B	ANTHEM 2.15SE	0.10	LAA	9						
2A	FIERCE 76WG	0.178	LAA	9	0	96	0	85	0	83
3A	OPTILL PRO	0.00	LAA	0	0	96	0	67	0	62
B	OPTILL 68WG	0.085	LAA	9						
C	OUTLOOK 6EC	0.47	LAA	9						
4A	AUTHOR. FIRST	0.28	LAA	9	7	93	0	97	0	94
B	ANTHEM 2.15SE	0.10	LAA	11						
C	RNDUP POWERMAX	1.125	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
5A	AUTHOR. MAXX 6	0.25	LAA	9	7	65	0	97	0	95
B	ANTHEM 2.15SE	0.10	LAA	11						
C	RNDUP POWERMAX	1.125	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
6A	OUTLOOK 6EC	0.56	LAA	11	3	96	0	82	0	77
B	RNDUP POWERMAX	1.125	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
7A	WARRANT 3L	1.125	LAA	11	3	58	0	82	0	82
B	RNDUP POWERMAX	1.125	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
8A	CHECK	0.00	NA	0	0	87	0	0	0	0
9A	ANTHEM 2.15SE	0.134	LAA	11	5	89	0	88	0	87
B	RNDUP POWERMAX	1.125	LAA	11						
C	LIQUID AMS	2.50	PMV	11						
10A	ANTHEM 2.15SE	0.10	LAA	11	7	94	0	86	0	85
B	FLEXSTAR 1.88	0.147	LAA	11						
C	RNDUP POWERMAX	1.125	LAA	11						
D	LIQUID AMS	2.50	PMV	11						
LSD (0.05)					0.00	44.16	0.00	5.94	0.00	8.79
STANDARD DEVIATION					0.00	21.00	0.00	2.83	0.00	4.18

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 05/26/2014(1)

11 = ----- / EPOST 06/16/2014(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	GLXMA	CON %	06/23/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/23/2014	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/14/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/14/2014	02	P	AMATA		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	AMATA	CON %	07/21/2014	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = A 3231RR