

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIX
 PH: 6.1
 %OM: 5.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	UNIT
TIMINGS	04	05	06	09	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/22/14	05/10/14	05/19/14	06/01/14	AME
AIR TEMPERATURE	68	79	72	88	F
% REL.HUMIDITY	55	31	35	31	
WIND DIRECTION	NORTH	SOUTHWEST	SOUTHWEST	SOUTH	
WIND SPEED	8.0	3.0	9.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	OVERCAST	PARTCLDY	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION					
NOZZLE NUMBER	5	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	18.000	IN
SCREEN SIZE					
SCREEN SZ DESC	NA	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	30.00	PSI
DILUENT	WATER	WATER	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	DEN / STG MIN / MAX	DEN / STG MIN / MAX	
CROP *					
P, SOYBEAN				---/00	
A 3231RR				0.00/0.00	IN
(PLANTED) 06/01/2014				0 DAP	

* TIMING CODES

04 = ----- / EPP 30 DBP
 05 = ----- / EPP 15 DBP
 06 = ----- / EPP 7 DBP
 09 = ----- / PREEMERGENCE

* STAGE CODE

00 = DRY SEED

TITLE: Duration of Residual from PGR's in No-till Glyphosate Tolerant Soybean. AS-500
CREATED: 04/16/2014 **REVISED:** 11/05/2014 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **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 NUM	TREATMENT COMPONENT	DOSAGE RATE	DOSAGE UNIT	TM	GLXMA CON % 06/15/14	GLXMA CON % 06/22/14	GLXMA CON % 07/03/14	GLXMA CON % 07/16/14	YIELD BU/A 10/21/14
1A	CLARITY	0.25	LAA	4	0	0	0	0	58.4
	B»RNDUP POWERMAX	1.50	LAA	4					
2A	CLARITY	0.375	LAA	4	0	2	1	0	57.2
	B»RNDUP POWERMAX	1.50	LAA	4					
3A	CLARITY	0.50	LAA	4	0	3	2	0	57.1
	B»RNDUP POWERMAX	1.50	LAA	4					
4A	(G)2,4-D-ESTER	0.50	LAA	4	0	0	0	0	61.8
	B»RNDUP POWERMAX	1.50	LAA	4					
5A	(G)2,4-D-ESTER	1.00	LAA	4	0	0	0	0	52.1
	B»RNDUP POWERMAX	1.50	LAA	4					
6A	»RNDUP POWERMAX	1.50	LAA	4	0	0	0	0	56.1
	B»LIQUID AMS	2.50	PMV	4					
7A	CLARITY	0.188	LAA	5	0	0	0	0	58.1
	B»RNDUP POWERMAX	1.50	LAA	5					
8A	CLARITY	0.25	LAA	5	0	2	0	0	52.8
	B»RNDUP POWERMAX	1.50	LAA	5					
9A	CLARITY	0.375	LAA	5	3	4	2	0	57.2
	B»RNDUP POWERMAX	1.50	LAA	5					
10A	CLARITY	0.50	LAA	5	0	6	3	1	55.6
	B»RNDUP POWERMAX	1.50	LAA	5					
11A	(G)2,4-D-ESTER	0.50	LAA	5	0	0	0	0	52.6
	B»RNDUP POWERMAX	1.50	LAA	5					
12A	(G)2,4-D-ESTER	1.00	LAA	5	0	0	0	0	56.5
	B»RNDUP POWERMAX	1.50	LAA	5					
13A	»RNDUP POWERMAX	1.50	LAA	5	0	0	0	0	57.4
	B»LIQUID AMS	2.50	PMV	5					
14A	CLARITY	0.188	LAA	6	0	3	2	0	58.5
	B»RNDUP POWERMAX	1.50	LAA	6					
15A	CLARITY	0.25	LAA	6	0	3	1	0	56.3
	B»RNDUP POWERMAX	1.50	LAA	6					
16A	CLARITY	0.375	LAA	6	3	8	5	2	55.9
	B»RNDUP POWERMAX	1.50	LAA	6					
17A	CLARITY	0.50	LAA	6	0	3	2	0	55.6
	B»RNDUP POWERMAX	1.50	LAA	6					
18A	(G)2,4-D-ESTER	0.50	LAA	6	0	1	0	0	58.6
	B»RNDUP POWERMAX	1.50	LAA	6					
19A	(G)2,4-D-ESTER	1.00	LAA	6	0	0	0	0	52.4
	B»RNDUP POWERMAX	1.50	LAA	6					
20A	»RNDUP POWERMAX	1.50	LAA	6	0	0	0	0	53.9
	B»LIQUID AMS	2.50	PMV	6					
21A	CLARITY	0.188	LAA	9	70	53	37	27	47.2
	B»RNDUP POWERMAX	1.50	LAA	9					
22A	CLARITY	0.125	LAA	9	43	35	22	18	51.4
	B»RNDUP POWERMAX	1.50	LAA	9					

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TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/15/14	GLXMA CON % 06/22/14	GLXMA CON % 07/03/14	GLXMA CON % 07/16/14	YIELD BU/A 10/21/14
23A CLARITY	0.063	LAA	9	10	14	9	4	58.9
B»RNDUP POWERMAX	1.50	LAA	9					
24A (G) 2,4-D-ESTER	0.50	LAA	9	0	0	0	0	58.3
B»RNDUP POWERMAX	1.50	LAA	9					
25A»RNDUP POWERMAX	1.50	LAA	9	0	0	0	0	56.2
B»LIQUID AMS	2.50	PMV	9					
26A 2,4-D-DMA	0.50	LAA	9	2	7	3	2	56.6
B»RNDUP POWERMAX	1.50	LAA	9					
LSD (0.05)				4.33	6.07	3.76	2.66	8.00
STANDARD DEVIATION				2.16	3.00	1.88	1.33	4.00

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

04 = ----- / EPP 30 DBP 04/22/2014(1)
 05 = ----- / EPP 15 DBP 05/10/2014(2)
 06 = ----- / EPP 7 DBP 05/19/2014(3)
 09 = ----- / PREEMERGENCE 06/01/2014(4)

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 %	06/15/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/22/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	07/03/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	GLXMA	CON %	07/16/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	YIELD	BU/A	10/21/2014	01	P	GLXMA		RAW	ALL	YLD	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR