

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.4  
%OM: 4.6  
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	04/22/13	05/06/13	05/13/13	05/20/13	AME
AIR TEMPERATURE	66	68	67	85	F
% REL.HUMIDITY	29	47	31	45	
WIND DIRECTION	SOUTHEAST	EAST	WEST	SOUTH	
WIND SPEED	6.0	4.0	4.0	7.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	PARTCLDY	
DEW	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	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				---/01	
A 3231RR				0.00/0.00	IN
(PLANTED) 05/20/2013				0 DAP	

## \* TIMING CODES

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

## \* STAGE CODE

01 = BEGINNING OF SEED IMBIBITION

**TITLE:** Duration of Residual from PGR's in No-till Glyphosate Tolerant Soybean. N-100  
**CREATED:** 04/04/2013 **REVISED:** 11/04/2013 **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			GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT	TM	CON % 05/29/13	CON % 06/05/13	CON % 06/12/13	BU/A 10/25/13
1A	CLARITY	0.188	LAA	4	0	0	0	54.2
	B»RNDUP POWERMAX	1.50	LAA	4				
2A	CLARITY	0.25	LAA	4	0	0	0	59.4
	B»RNDUP POWERMAX	1.50	LAA	4				
3A	CLARITY	0.375	LAA	4	0	0	0	61.3
	B»RNDUP POWERMAX	1.50	LAA	4				
4A	CLARITY	0.50	LAA	4	0	0	0	64.7
	B»RNDUP POWERMAX	1.50	LAA	4				
5A	(G)2,4-D-ESTER	0.50	LAA	4	0	0	0	54.8
	B»RNDUP POWERMAX	1.50	LAA	4				
6A	(G)2,4-D-ESTER	1.00	LAA	4	0	0	0	56.5
	B»RNDUP POWERMAX	1.50	LAA	4				
7A»	RNDUP POWERMAX	1.50	LAA	4	0	0	0	60.5
	B»LIQUID AMS	2.50	PMV	4				
8A	CLARITY	0.188	LAA	5	0	0	0	55.5
	B»RNDUP POWERMAX	1.50	LAA	5				
9A	CLARITY	0.25	LAA	5	0	1	1	53.6
	B»RNDUP POWERMAX	1.50	LAA	5				
10A	CLARITY	0.375	LAA	5	1	3	0	51.0
	B»RNDUP POWERMAX	1.50	LAA	5				
11A	CLARITY	0.50	LAA	5	4	8	5	49.0
	B»RNDUP POWERMAX	1.50	LAA	5				
12A	(G)2,4-D-ESTER	0.50	LAA	5	0	0	0	58.5
	B»RNDUP POWERMAX	1.50	LAA	5				
13A	(G)2,4-D-ESTER	1.00	LAA	5	1	2	1	56.1
	B»RNDUP POWERMAX	1.50	LAA	5				
14A»	RNDUP POWERMAX	1.50	LAA	5	0	0	0	58.9
	B»LIQUID AMS	2.50	PMV	5				
15A	CLARITY	0.188	LAA	6	1	20	12	52.0
	B»RNDUP POWERMAX	1.50	LAA	6				
16A	CLARITY	0.25	LAA	6	4	28	22	49.7
	B»RNDUP POWERMAX	1.50	LAA	6				
17A	CLARITY	0.375	LAA	6	8	53	43	47.7
	B»RNDUP POWERMAX	1.50	LAA	6				
18A	CLARITY	0.50	LAA	6	16	57	47	44.9
	B»RNDUP POWERMAX	1.50	LAA	6				
19A	(G)2,4-D-ESTER	0.50	LAA	6	1	2	1	54.3
	B»RNDUP POWERMAX	1.50	LAA	6				
20A	(G)2,4-D-ESTER	1.00	LAA	6	2	3	2	58.9
	B»RNDUP POWERMAX	1.50	LAA	6				
21A»	RNDUP POWERMAX	1.50	LAA	6	0	0	0	55.0
	B»LIQUID AMS	2.50	PMV	6				
22A	CLARITY	0.188	LAA	9	3	37	23	56.0
	B»RNDUP POWERMAX	1.50	LAA	9				

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TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	GLXMA	GLXMA	YIELD
		RATE	UNIT	TM	CON % 05/29/13	CON % 06/05/13	CON % 06/12/13	BU/A 10/25/13
23A	CLARITY	0.125	LAA	9	2	25	15	50.2
	B»RNDUP POWERMAX	1.50	LAA	9				
24A	CLARITY	0.063	LAA	9	1	16	9	53.6
	B»RNDUP POWERMAX	1.50	LAA	9				
25A	(G)2,4-D-ESTER	0.50	LAA	9	2	4	3	50.2
	B»RNDUP POWERMAX	1.50	LAA	9				
26A	»RNDUP POWERMAX	1.50	LAA	9	0	0	0	60.4
	B»LIQUID AMS	2.50	PMV	9				
27A	2,4-D-DMA	0.50	LAA	9	1	2	2	54.6
	B»RNDUP POWERMAX	1.50	LAA	9				
LSD (0.05)					2.25	4.00	3.61	9.37
STANDARD DEVIATION					1.12	2.00	1.80	4.69

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

04 = ----- / EPP 30 DBP 04/22/2013(1)  
05 = ----- / EPP 15 DBP 05/06/2013(2)  
06 = ----- / EPP 7 DBP 05/13/2013(3)  
09 = ----- / PREEMERGENCE 05/20/2013(4)

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 %	05/29/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	GLXMA	CON %	06/05/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	GLXMA	CON %	06/12/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	YIELD	BU/A	10/25/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR