

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	09	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/22/14	05/10/14	06/01/14	07/02/14	AME
AIR TEMPERATURE	66	80	88	68	F
% REL.HUMIDITY	58	32	31	72	
WIND DIRECTION	NORTHWEST	SOUTHWEST	SOUTH	NORTHWEST	M/H
WIND SPEED	8.0	2.0	8.0	6.0	
CLOUD COVER	CLEAR	CLEAR	PARTCLDY	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	15.00	15.00	15.00	15.00	
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	---/17	
A 3231RR			0.00/0.00	10.0/10.0	IN
(PLANTED) 06/01/2014			0 DAP	31 DAP	
PEST *					
P, LAMBSQUARTERS, C	---/12 0.50/0.50	---/18 1.00/2.00	---/19 1.00/4.00	---/19 2.00/12.0	IN
P, HORSEWEED / MARE	---/15 0.50/0.50	---/19 1.00/1.00	---/19 1.00/3.00	---/19 2.00/10.0	IN
P, HENBIT	---/14 1.00/1.00	---/18 1.00/3.00	---/19 1.00/5.00	---/19 2.00/6.00	IN
P, FOXTAIL, GIANT			---/12 1.00/2.00	---/17 2.00/10.0	IN
P, CHICKWEED, COMMO	---/16 1.00/1.00	---/19 1.00/3.00	---/19 1.00/5.00	---/19 2.00/6.00	IN

* TIMING CODES

04 = ----- / EPP 30 DBP

*** TIMING CODES**

05 = ----- / EPP 15 DBP
09 = ----- / PREEMERGENCE
12 = ----- / POST

*** STAGE CODE**

00 = DRY SEED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
12 = 2 LEAVES UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
17 = 7TH LEAF (5TH TRIFOLIATE LEAF) UNFOLDED, 6 NODES
17 = 7 LEAVES UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68
CREATED: 04/10/2014 **REVISED:** 09/15/2014 **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		TM	STEME	LAMAM	CHEAL	ERICA	SETFA	GLXMA
		RATE	UNIT		CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 05/26/14	CON % 06/13/14
1A»	CRUSHER 50WG	0.031	LAA	4	99	99	99	99	96	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
2A»	LEADOFF 33.4WG	0.031	LAA	4	99	99	99	98	99	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
3A»	AUTHOR. MAXX 6	0.35	LAA	4	99	99	99	99	98	0
	B»RNDUP POWERMAX	0.77	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
4A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
5A»	NUP-14013 L	1.33	PMA	5	99	99	99	99	99	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
6A»	FIERCE 76WG	0.14	LAA	5	99	99	99	99	99	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
7A»	PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.00	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
8A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.50	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
9A»	PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.33	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
10A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	2.00	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
11A»	PANTHER 51 WDG	0.096	LAA	9	C	C	C	C	C	0
	B»GLYFOS EXTRA 3	0.75	LAA	9						
	C»2,4-D LVE	0.50	LAA	9						
	D»ACTIVATOR 90	0.25	PMV	9						
	E»LIQUID AMS	2.50	PMV	9						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68

TRT	TREATMENT	DOSAGE	STEME	LAMAM	CHEAL	ERICA	SETFA	GLXMA
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %
					05/26/14	05/26/14	05/26/14	06/13/14
12A»	NUP-14013 L	1.33	PMA	9	C	C	C	C
	B»GLYFOS EXTRA 3	0.75	LAA	9				
	C»2,4-D LVE	0.50	LAA	9				
	D»ACTIVATOR 90	0.25	PMV	9				
	E»LIQUID AMS	2.50	PMV	9				
13A»	FIERCE 76WG	0.14	LAA	9	C	C	C	C
	B»GLYFOS EXTRA 3	0.75	LAA	9				
	C»2,4-D LVE	0.50	LAA	9				
	D»ACTIVATOR 90	0.25	PMV	9				
	E»LIQUID AMS	2.50	PMV	9				
14A»	PANTHER 51 WDG	0.064	LAA	9	C	C	C	C
	B»NUP-14013 L	1.00	PMA	9				
	C»GLYFOS EXTRA 3	0.75	LAA	9				
	D»2,4-D LVE	0.50	LAA	9				
	E»ACTIVATOR 90	0.25	PMV	9				
	F»LIQUID AMS	2.50	PMV	9				
15A»	PANTHER 51 WDG	0.096	LAA	9	C	C	C	C
	B»NUP-14013 L	1.50	PMA	9				
	C»GLYFOS EXTRA 3	0.75	LAA	9				
	D»2,4-D LVE	0.50	LAA	9				
	E»ACTIVATOR 90	0.25	PMV	9				
	F»LIQUID AMS	2.50	PMV	9				
16A	CHECK	0.00	NA	0	0	0	0	0
17A»	PANTHER 51 WDG	0.064	LAA	9	C	C	C	C
	B»NUP-14013 L	1.33	PMA	9				
	C»GLYFOS EXTRA 3	0.75	LAA	9				
	D»2,4-D LVE	0.50	LAA	9				
	E»ACTIVATOR 90	0.25	PMV	9				
	F»LIQUID AMS	2.50	PMV	9				
18A»	PANTHER 51 WDG	0.096	LAA	9	C	C	C	C
	B»NUP-14013 L	2.00	PMA	9				
	C»GLYFOS EXTRA 3	0.75	LAA	9				
	D»2,4-D LVE	0.50	LAA	9				
	E»ACTIVATOR 90	0.25	PMV	9				
	F»LIQUID AMS	2.50	PMV	9				
LSD (0.05)					0.00	0.00	0.00	0.898
STANDARD DEVIATION					0.00	0.00	0.00	0.444
								1.46
								0.721
								0.00
								0.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68
CREATED: 04/10/2014 **REVISED:** 09/15/2014 **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		TM	STEME	LAMAM	CHEAL	ERICA	SETFA	GLXMA
		RATE	UNIT		CON % 06/13/14	CON % 06/13/14	CON % 06/13/14	CON % 06/13/14	CON % 06/13/14	CON % 06/29/14
1A»	CRUSHER 50WG	0.031	LAA	4	99	99	92	82	87	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
2A»	LEADOFF 33.4WG	0.031	LAA	4	99	99	99	84	88	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
3A»	AUTHOR. MAXX 6	0.35	LAA	4	99	99	99	99	96	0
	B»RNDUP POWERMAX	0.77	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
4A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
5A»	NUP-14013 L	1.33	PMA	5	99	99	99	98	98	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
6A»	FIERCE 76WG	0.14	LAA	5	99	99	99	99	99	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
7A»	PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.00	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
8A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.50	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
9A»	PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.33	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
10A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	2.00	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
11A»	PANTHER 51 WDG	0.096	LAA	9	99	99	99	98	96	0
	B»GLYFOS EXTRA 3	0.75	LAA	9						
	C»2,4-D LVE	0.50	LAA	9						
	D»ACTIVATOR 90	0.25	PMV	9						
	E»LIQUID AMS	2.50	PMV	9						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	STEME CON % 06/13/14	LAMAM CON % 06/13/14	CHEAL CON % 06/13/14	ERICA CON % 06/13/14	SETFA CON % 06/13/14	GLXMA CON % 06/29/14
12A»NUP-14013 L	1.33	PMA	9	99	99	97	99	99	0
B»GLYFOS EXTRA 3	0.75	LAA	9						
C»2,4-D LVE	0.50	LAA	9						
D»ACTIVATOR 90	0.25	PMV	9						
E»LIQUID AMS	2.50	PMV	9						
13A»FIERCE 76WG	0.14	LAA	9	99	99	99	92	96	0
B»GLYFOS EXTRA 3	0.75	LAA	9						
C»2,4-D LVE	0.50	LAA	9						
D»ACTIVATOR 90	0.25	PMV	9						
E»LIQUID AMS	2.50	PMV	9						
14A»PANTHER 51 WDG	0.064	LAA	9	99	99	99	99	98	0
B»NUP-14013 L	1.00	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
15A»PANTHER 51 WDG	0.096	LAA	9	99	99	99	85	92	0
B»NUP-14013 L	1.50	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
16A CHECK	0.00	NA	0	0	0	0	0	0	0
17A»PANTHER 51 WDG	0.064	LAA	9	99	99	99	99	99	0
B»NUP-14013 L	1.33	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
18A»PANTHER 51 WDG	0.096	LAA	9	99	99	99	99	99	0
B»NUP-14013 L	2.00	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
LSD (0.05)				0.00	0.00	0.743	9.43	5.63	0.00
STANDARD DEVIATION				0.00	0.00	0.368	4.67	2.79	0.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68
CREATED: 04/10/2014 **REVISED:** 09/15/2014 **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		TM	STEME	LAMAM	CHEAL	ERICA	SETFA	GLXMA
		RATE	UNIT		CON % 06/29/14	CON % 06/29/14	CON % 06/29/14	CON % 06/29/14	CON % 06/29/14	CON % 07/16/14
1A»	CRUSHER 50WG	0.031	LAA	4	99	99	99	72	72	2
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
2A»	LEADOFF 33.4WG	0.031	LAA	4	99	99	99	79	78	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
3A»	AUTHOR. MAXX 6	0.35	LAA	4	99	99	99	97	94	0
	B»RNDUP POWERMAX	0.77	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»ACTIVATOR 90	0.25	PMV	4						
	E»LIQUID AMS	2.50	PMV	4						
4A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	98	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
5A»	NUP-14013 L	1.33	PMA	5	99	99	99	99	97	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
6A»	FIERCE 76WG	0.14	LAA	5	99	99	99	99	98	0
	B»GLYFOS EXTRA 3	0.75	LAA	5						
	C»2,4-D LVE	0.50	LAA	5						
	D»ACTIVATOR 90	0.25	PMV	5						
	E»LIQUID AMS	2.50	PMV	5						
7A»	PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	98	0
	B»NUP-14013 L	1.00	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
8A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.50	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
9A»	PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	1.33	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
10A»	PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99	0
	B»NUP-14013 L	2.00	PMA	5						
	C»GLYFOS EXTRA 3	0.75	LAA	5						
	D»2,4-D LVE	0.50	LAA	5						
	E»ACTIVATOR 90	0.25	PMV	5						
	F»LIQUID AMS	2.50	PMV	5						
11A»	PANTHER 51 WDG	0.096	LAA	9	99	96	99	92	97	0
	B»GLYFOS EXTRA 3	0.75	LAA	9						
	C»2,4-D LVE	0.50	LAA	9						
	D»ACTIVATOR 90	0.25	PMV	9						
	E»LIQUID AMS	2.50	PMV	9						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	STEME CON % 06/29/14	LAMAM CON % 06/29/14	CHEAL CON % 06/29/14	ERICA CON % 06/29/14	SETFA CON % 06/29/14	GLXMA CON % 07/16/14
12A»NUP-14013 L	1.33	PMA	9	99	96	99	99	96	0
B»GLYFOS EXTRA 3	0.75	LAA	9						
C»2,4-D LVE	0.50	LAA	9						
D»ACTIVATOR 90	0.25	PMV	9						
E»LIQUID AMS	2.50	PMV	9						
13A»FIERCE 76WG	0.14	LAA	9	99	99	99	99	98	4
B»GLYFOS EXTRA 3	0.75	LAA	9						
C»2,4-D LVE	0.50	LAA	9						
D»ACTIVATOR 90	0.25	PMV	9						
E»LIQUID AMS	2.50	PMV	9						
14A»PANTHER 51 WDG	0.064	LAA	9	99	99	99	98	96	2
B»NUP-14013 L	1.00	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
15A»PANTHER 51 WDG	0.096	LAA	9	99	99	99	99	96	0
B»NUP-14013 L	1.50	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
16A CHECK	0.00	NA	0	0	0	0	0	0	0
17A»PANTHER 51 WDG	0.064	LAA	9	99	99	99	98	99	0
B»NUP-14013 L	1.33	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
18A»PANTHER 51 WDG	0.096	LAA	9	99	99	99	99	98	3
B»NUP-14013 L	2.00	PMA	9						
C»GLYFOS EXTRA 3	0.75	LAA	9						
D»2,4-D LVE	0.50	LAA	9						
E»ACTIVATOR 90	0.25	PMV	9						
F»LIQUID AMS	2.50	PMV	9						
LSD (0.05)				0.00	2.90	0.00	5.12	6.50	2.00
STANDARD DEVIATION				0.00	1.43	0.00	2.53	3.22	1.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68
CREATED: 04/10/2014 **REVISED:** 09/15/2014 **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		TM	STEME	LAMAM	CHEAL	ERICA	SETFA
		RATE	UNIT		CON % 07/16/14	CON % 07/16/14	CON % 07/16/14	CON % 07/16/14	CON % 07/16/14
1A	»CRUSHER 50WG	0.031	LAA	4	99	99	99	98	98
	B»GLYFOS EXTRA 3	0.75	LAA	4					
	C»2,4-D LVE	0.50	LAA	4					
	D»ACTIVATOR 90	0.25	PMV	4					
	E»LIQUID AMS	2.50	PMV	4					
2A	»LEADOFF 33.4WG	0.031	LAA	4	99	99	99	94	98
	B»GLYFOS EXTRA 3	0.75	LAA	4					
	C»2,4-D LVE	0.50	LAA	4					
	D»ACTIVATOR 90	0.25	PMV	4					
	E»LIQUID AMS	2.50	PMV	4					
3A	»AUTHOR. MAXX 6	0.35	LAA	4	99	99	99	99	99
	B»RNDUP POWERMAX	0.77	LAA	4					
	C»2,4-D LVE	0.50	LAA	4					
	D»ACTIVATOR 90	0.25	PMV	4					
	E»LIQUID AMS	2.50	PMV	4					
4A	»PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	98
	B»GLYFOS EXTRA 3	0.75	LAA	5					
	C»2,4-D LVE	0.50	LAA	5					
	D»ACTIVATOR 90	0.25	PMV	5					
	E»LIQUID AMS	2.50	PMV	5					
5A	»NUP-14013 L	1.33	PMA	5	99	99	99	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	5					
	C»2,4-D LVE	0.50	LAA	5					
	D»ACTIVATOR 90	0.25	PMV	5					
	E»LIQUID AMS	2.50	PMV	5					
6A	»FIERCE 76WG	0.14	LAA	5	99	99	99	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	5					
	C»2,4-D LVE	0.50	LAA	5					
	D»ACTIVATOR 90	0.25	PMV	5					
	E»LIQUID AMS	2.50	PMV	5					
7A	»PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	96
	B»NUP-14013 L	1.00	PMA	5					
	C»GLYFOS EXTRA 3	0.75	LAA	5					
	D»2,4-D LVE	0.50	LAA	5					
	E»ACTIVATOR 90	0.25	PMV	5					
	F»LIQUID AMS	2.50	PMV	5					
8A	»PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	99
	B»NUP-14013 L	1.50	PMA	5					
	C»GLYFOS EXTRA 3	0.75	LAA	5					
	D»2,4-D LVE	0.50	LAA	5					
	E»ACTIVATOR 90	0.25	PMV	5					
	F»LIQUID AMS	2.50	PMV	5					
9A	»PANTHER 51 WDG	0.064	LAA	5	99	99	99	99	99
	B»NUP-14013 L	1.33	PMA	5					
	C»GLYFOS EXTRA 3	0.75	LAA	5					
	D»2,4-D LVE	0.50	LAA	5					
	E»ACTIVATOR 90	0.25	PMV	5					
	F»LIQUID AMS	2.50	PMV	5					
10A	»PANTHER 51 WDG	0.096	LAA	5	99	99	99	99	97
	B»NUP-14013 L	2.00	PMA	5					
	C»GLYFOS EXTRA 3	0.75	LAA	5					
	D»2,4-D LVE	0.50	LAA	5					
	E»ACTIVATOR 90	0.25	PMV	5					
	F»LIQUID AMS	2.50	PMV	5					
11A	»PANTHER 51 WDG	0.096	LAA	9	99	99	99	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	9					
	C»2,4-D LVE	0.50	LAA	9					
	D»ACTIVATOR 90	0.25	PMV	9					
	E»LIQUID AMS	2.50	PMV	9					

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68

TRT TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	STEME CON % 07/16/14	LAMAM CON % 07/16/14	CHEAL CON % 07/16/14	ERICA CON % 07/16/14	SETFA CON % 07/16/14
12A»NUP-14013 L	1.33	PMA	9	99	99	99	99	99
B»GLYFOS EXTRA 3	0.75	LAA	9					
C»2,4-D LVE	0.50	LAA	9					
D»ACTIVATOR 90	0.25	PMV	9					
E»LIQUID AMS	2.50	PMV	9					
13A»FIERCE 76WG	0.14	LAA	9	99	99	99	99	99
B»GLYFOS EXTRA 3	0.75	LAA	9					
C»2,4-D LVE	0.50	LAA	9					
D»ACTIVATOR 90	0.25	PMV	9					
E»LIQUID AMS	2.50	PMV	9					
14A»PANTHER 51 WDG	0.064	LAA	9	99	99	99	99	99
B»NUP-14013 L	1.00	PMA	9					
C»GLYFOS EXTRA 3	0.75	LAA	9					
D»2,4-D LVE	0.50	LAA	9					
E»ACTIVATOR 90	0.25	PMV	9					
F»LIQUID AMS	2.50	PMV	9					
15A»PANTHER 51 WDG	0.096	LAA	9	99	99	99	99	99
B»NUP-14013 L	1.50	PMA	9					
C»GLYFOS EXTRA 3	0.75	LAA	9					
D»2,4-D LVE	0.50	LAA	9					
E»ACTIVATOR 90	0.25	PMV	9					
F»LIQUID AMS	2.50	PMV	9					
16A CHECK	0.00	NA	0	0	0	0	0	0
17A»PANTHER 51 WDG	0.064	LAA	9	99	99	99	99	99
B»NUP-14013 L	1.33	PMA	9					
C»GLYFOS EXTRA 3	0.75	LAA	9					
D»2,4-D LVE	0.50	LAA	9					
E»ACTIVATOR 90	0.25	PMV	9					
F»LIQUID AMS	2.50	PMV	9					
18A»PANTHER 51 WDG	0.096	LAA	9	99	99	99	99	99
B»NUP-14013 L	2.00	PMA	9					
C»GLYFOS EXTRA 3	0.75	LAA	9					
D»2,4-D LVE	0.50	LAA	9					
E»ACTIVATOR 90	0.25	PMV	9					
F»LIQUID AMS	2.50	PMV	9					
LSD (0.05)				0.00	0.00	0.00	3.29	1.80
STANDARD DEVIATION				0.00	0.00	0.00	1.63	0.892

» = SUPPLEMENTAL CHEMICAL

---, M, C, D = MISSING DATA

* TIMING CODES

00 = ----- / UNTREATED TIMING

04 = ----- / EPP 30 DBP 04/22/2014(1)

05 = ----- / EPP 15 DBP 05/10/2014(2)

09 = ----- / PREEMERGENCE 06/01/2014(3)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	STEME	CON %	05/26/2014	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/26/2014	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/26/2014	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ERICA	CON %	05/26/2014	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	05/26/2014	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/13/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	06/13/2014	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	06/13/2014	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	06/13/2014	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	06/13/2014	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	06/13/2014	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	GLXMA	CON %	06/29/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	STEME	CON %	06/29/2014	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	LAMAM	CON %	06/29/2014	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	CHEAL	CON %	06/29/2014	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ERICA	CON %	06/29/2014	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. 261-68

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
017	SETFA	CON %	06/29/2014	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	GLXMA	CON %	07/16/2014	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	STEME	CON %	07/16/2014	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	LAMAM	CON %	07/16/2014	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	07/16/2014	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	ERICA	CON %	07/16/2014	05	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	SETFA	CON %	07/16/2014	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = A 3231RR