

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	UNIT
TIMINGS	04	09	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	04/22/13	05/20/13	06/19/13	AME
AIR TEMPERATURE	67	85	84	F
% REL.HUMIDITY	27	40	35	
WIND DIRECTION	SOUTHEAST	SOUTH	SOUTHEAST	
WIND SPEED	6.0	8.0	3.0	M/H
CLOUD COVER	CLEAR	PARTCLDY	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACK/	BACKPACK/	BACKPACK/	
PROPELLANT	COMPRESSE	COMPRESSE	COMPRESSE	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE DESCRIPTION				
NOZZLE NUMBER	5	5	5	
NOZZLE SPACING	18.000	18.000	18.000	IN
SCREEN SIZE				
SCREEN SZ DESC	NA	NA	NA	
SWATH WIDTH	7.5	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
SPRAY VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	30.00	30.00	30.00	PSI
DILUENT	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	
CROP *			---/15	
P, SOYBEAN			8.00/8.00	IN
AG 3231			30 DAP	
(PLANTED) 05/20/2013				
PEST *				
P, RAGWEED, COMMON	---/01 0.00/0.00	---/12 1.00/3.00	---/18 4.00/8.00	IN
P, LAMBSQUARTERS, C	---/17 1.00/1.00	---/19 2.00/4.00	---/19 2.00/8.00	IN
P, HORSEWEED / MARE	---/19 1.00/2.00	---/19 1.00/3.00	---/19 2.00/6.00	IN
P, HENBIT	---/19 1.00/4.00	---/19 3.00/5.00	---/19 4.00/8.00	IN
P, MORNINGGLORY, TA	---/11 0.50/0.50	---/13 1.00/3.00	---/18 2.00/6.00	IN
P, FOXTAIL, GIANT	---/12 0.50/1.50		---/18 2.00/10.0	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	MIN / MAX	
PEST *				
P, CHICKWEED, COMMO	---/19 1.00/4.00	---/19 3.00/6.00	---/19 3.00/8.00	IN

* TIMING CODES

04 = ----- / EPP 30 DBP
09 = ----- / PREEMERGENCE
12 = ----- / POST

* STAGE CODE

01 = SEED IMBIBITION; BUD SWELL STARTING
11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
12 = 2 LEAVES UNFOLDED
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8 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. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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		TM	STEME	LAMAM	ERICA	SETFA	CHEAL	GLXMA
		RATE	UNIT		CON % 05/20/13	CON % 05/20/13	CON % 05/20/13	CON % 05/20/13	CON % 05/20/13	CON % 06/04/13
1A	CLASSIC 25WG	0.021	LAA	4	99	99	99	68	98	0
	B»EXPRESS 50SG	0.006	LAA	4						
	C»ABUNDIT EXTRA	0.75	LAA	4						
	D»2,4-D LVE	0.50	LAA	4						
	E»LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.02	LAA	9						
	G»HARMONY GT 50W	0.006	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I»ABUNDIT EXTRA	0.75	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.021	LAA	4	99	99	99	68	98	0
	B»EXPRESS 50SG	0.006	LAA	4						
	C»ABUNDIT EXTRA	0.75	LAA	4						
	D»2,4-D LVE	0.50	LAA	4						
	E»LIQUID AMS	2.50	PMV	4						
	F CANOPY 75WG	0.188	LAA	9						
	G CINCH	0.96	LAA	9						
	H»ABUNDIT EXTRA	0.75	LAA	12						
	I»LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.021	LAA	4	99	99	99	70	97	0
	B»EXPRESS 50SG	0.006	LAA	4						
	C»ABUNDIT EXTRA	0.75	LAA	4						
	D»2,4-D LVE	0.50	LAA	4						
	E»LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.019	LAA	9						
	G SENCOR 75WG	0.223	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I»ABUNDIT EXTRA	0.75	LAA	12						
	J»LIQUID AMS	2.50	PMV	12						
4A	CLASSIC 25WG	0.02	LAA	4	99	99	99	87	99	0
	B»HARMONY GT 50W	0.006	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D»ABUNDIT EXTRA	0.75	LAA	4						
	E»2,4-D LVE	0.50	LAA	4						
	F»LIQUID AMS	2.50	PMV	4						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
5A	CANOPY 75WG	0.188	LAA	4	99	99	99	88	99	0
	B CINCH	0.96	LAA	4						
	C»ABUNDIT EXTRA	0.75	LAA	4						
	D»2,4-D LVE	0.50	LAA	4						
	E»LIQUID AMS	2.50	PMV	4						
	F»ABUNDIT EXTRA	0.75	LAA	12						
	G»LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.019	LAA	4	99	99	99	90	98	0
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D»ABUNDIT EXTRA	0.75	LAA	4						
	E»2,4-D LVE	0.50	LAA	4						
	F»LIQUID AMS	2.50	PMV	4						
	G»ABUNDIT EXTRA	0.75	LAA	12						
	H»LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.019	LAA	4	99	99	99	91	99	0
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D»ABUNDIT EXTRA	0.75	LAA	4						
	E»2,4-D LVE	0.50	LAA	4						
	F»LIQUID AMS	2.50	PMV	4						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 05/20/13	LAMAM CON % 05/20/13	ERICA CON % 05/20/13	SETFA CON % 05/20/13	CHEAL CON % 05/20/13	GLXMA CON % 06/04/13
		RATE	UNIT TM						
8A	BOUNDARY 6.5EC	1.22	LAA 4	99	99	99	96	99	0
	B»ABUNDIT EXTRA	0.75	LAA 4						
	C»2,4-D LVE	0.50	LAA 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
9A	»FIERCE 76WG	0.14	LAA 4	99	99	99	91	97	0
	B»ABUNDIT EXTRA	0.75	LAA 4						
	C»2,4-D LVE	0.50	LAA 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
10A	»CRUSHER 50WG	0.023	LAA 4	99	99	99	63	95	0
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
11A	»CRUSHER 50WG	0.031	LAA 4	99	99	99	82	95	0
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
12A	»CRUSHER 50WG	0.062	LAA 4	99	99	99	87	98	0
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	»LEADOFF 33.4WG	0.031	LAA 4	99	99	99	89	86	0
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
15A	»GLYFOS EXTRA 3	0.75	LAA 4	91	91	89	0	0	0
	B»ACTIVATOR 90	0.25	PMV 4						
	C»LIQUID AMS	2.50	PMV 4						
	D»GLYFOS EXTRA 3	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		1.56	0.748	0.565	12.36	4.00	0.00
		STANDARD DEVIATION		0.76	0.365	0.276	6.00	1.95	0.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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		TM	STEME	LAMAM	ERICA	SETFA	CHEAL	AMBEL
		RATE	UNIT		CON % 06/04/13	CON % 06/04/13	CON % 06/04/13	CON % 06/04/13	CON % 06/04/13	CON % 06/04/13
1A	CLASSIC 25WG	0.021	LAA	4	99	99	98	88	99	99
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.02	LAA	9						
	G>>HARMONY GT 50W	0.006	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.021	LAA	4	99	99	99	90	99	99
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CANOPY 75WG	0.188	LAA	9						
	G CINCH	0.96	LAA	9						
	H>>ABUNDIT EXTRA	0.75	LAA	12						
	I>>LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.021	LAA	4	99	99	99	70	99	99
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.019	LAA	9						
	G SENCOR 75WG	0.223	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
4A	CLASSIC 25WG	0.02	LAA	4	99	99	99	77	96	97
	B>>HARMONY GT 50W	0.006	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
5A	CANOPY 75WG	0.188	LAA	4	99	99	99	87	99	99
	B CINCH	0.96	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.019	LAA	4	99	99	99	88	99	99
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.019	LAA	4	99	99	96	85	99	99
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 06/04/13	LAMAM CON % 06/04/13	ERICA CON % 06/04/13	SETFA CON % 06/04/13	CHEAL CON % 06/04/13	AMBEL CON % 06/04/13
		RATE	UNIT TM						
8A	BOUNDARY 6.5EC	1.22	LAA 4	99	99	98	82	99	96
	B»ABUNDIT EXTRA	0.75	LAA 4						
	C»2,4-D LVE	0.50	LAA 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
9A	»FIERCE 76WG	0.14	LAA 4	99	99	99	83	99	98
	B»ABUNDIT EXTRA	0.75	LAA 4						
	C»2,4-D LVE	0.50	LAA 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»ABUNDIT EXTRA	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
10A	»CRUSHER 50WG	0.023	LAA 4	99	99	96	72	78	77
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
11A	»CRUSHER 50WG	0.031	LAA 4	99	99	97	83	95	93
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
12A	»CRUSHER 50WG	0.062	LAA 4	99	99	98	89	91	91
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	»LEADOFF 33.4WG	0.031	LAA 4	99	99	96	76	93	84
	B»GLYFOS EXTRA 3	0.75	LAA 4						
	C»ACTIVATOR 90	0.25	PMV 4						
	D»LIQUID AMS	2.50	PMV 4						
	E»GLYFOS EXTRA 3	0.75	LAA 12						
	F»LIQUID AMS	2.50	PMV 12						
15A	»GLYFOS EXTRA 3	0.75	LAA 4	99	89	75	0	0	0
	B»ACTIVATOR 90	0.25	PMV 4						
	C»LIQUID AMS	2.50	PMV 4						
	D»GLYFOS EXTRA 3	0.75	LAA 12						
	E»LIQUID AMS	2.50	PMV 12						
		LSD (0.05)		0.00	0.499	2.93	8.92	4.30	6.06
		STANDARD DEVIATION		0.00	0.243	1.43	4.35	2.10	3.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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		TM	PHBPU	GLXMA	STEME	LAMAM	ERICA	SETFA
		RATE	UNIT		CON % 06/04/13	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13
1A	CLASSIC 25WG	0.021	LAA	4	96	0	99	99	95	85
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.02	LAA	9						
	G>>HARMONY GT 50W	0.006	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.021	LAA	4	96	0	99	99	99	84
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CANOPY 75WG	0.188	LAA	9						
	G CINCH	0.96	LAA	9						
	H>>ABUNDIT EXTRA	0.75	LAA	12						
	I>>LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.021	LAA	4	91	0	99	99	99	78
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.019	LAA	9						
	G SENCOR 75WG	0.223	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
4A	CLASSIC 25WG	0.02	LAA	4	84	0	99	99	99	72
	B>>HARMONY GT 50W	0.006	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
5A	CANOPY 75WG	0.188	LAA	4	90	0	99	99	93	67
	B CINCH	0.96	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.019	LAA	4	87	0	99	99	94	77
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.019	LAA	4	83	0	99	99	92	73
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	GLXMA	STEME	LAMAM	ERICA	SETFA
		RATE	UNIT		CON % 06/04/13	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13
8A	BOUNDARY 6.5EC	1.22	LAA	4	68	0	99	99	75	70
	B»ABUNDIT EXTRA	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»ABUNDIT EXTRA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	»FIERCE 76WG	0.14	LAA	4	82	0	99	99	84	75
	B»ABUNDIT EXTRA	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»ABUNDIT EXTRA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	»CRUSHER 50WG	0.023	LAA	4	68	0	99	99	78	53
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»CRUSHER 50WG	0.031	LAA	4	75	0	99	99	85	68
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
12A	»CRUSHER 50WG	0.062	LAA	4	78	0	99	99	82	81
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»LEADOFF 33.4WG	0.031	LAA	4	63	0	99	99	83	73
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
15A	»GLYFOS EXTRA 3	0.75	LAA	4	0	0	99	99	62	37
	B»ACTIVATOR 90	0.25	PMV	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»GLYFOS EXTRA 3	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			7.54	0.00	0.00	0.00	9.81	14.56
		STANDARD DEVIATION			3.68	0.00	0.00	0.00	4.79	7.11

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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			CHEAL	AMBEL	PHBPU	GLXMA	STEME	LAMAM
		RATE	UNIT	TM	CON % 06/19/13	CON % 06/19/13	CON % 06/19/13	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13
1A	CLASSIC 25WG	0.021	LAA	4	99	99	93	0	99	99
	B>EXPRESS 50SG	0.006	LAA	4						
	C>ABUNDIT EXTRA	0.75	LAA	4						
	D>2,4-D LVE	0.50	LAA	4						
	E>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.02	LAA	9						
	G>HARMONY GT 50W	0.006	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>ABUNDIT EXTRA	0.75	LAA	12						
	J>LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.021	LAA	4	99	99	94	0	99	99
	B>EXPRESS 50SG	0.006	LAA	4						
	C>ABUNDIT EXTRA	0.75	LAA	4						
	D>2,4-D LVE	0.50	LAA	4						
	E>LIQUID AMS	2.50	PMV	4						
	F CANOPY 75WG	0.188	LAA	9						
	G CINCH	0.96	LAA	9						
	H>ABUNDIT EXTRA	0.75	LAA	12						
	I>LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.021	LAA	4	99	99	92	0	99	99
	B>EXPRESS 50SG	0.006	LAA	4						
	C>ABUNDIT EXTRA	0.75	LAA	4						
	D>2,4-D LVE	0.50	LAA	4						
	E>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.019	LAA	9						
	G SENCOR 75WG	0.223	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>ABUNDIT EXTRA	0.75	LAA	12						
	J>LIQUID AMS	2.50	PMV	12						
4A	CLASSIC 25WG	0.02	LAA	4	98	95	80	0	99	99
	B>HARMONY GT 50W	0.006	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>ABUNDIT EXTRA	0.75	LAA	4						
	E>2,4-D LVE	0.50	LAA	4						
	F>LIQUID AMS	2.50	PMV	4						
	G>ABUNDIT EXTRA	0.75	LAA	12						
	H>LIQUID AMS	2.50	PMV	12						
5A	CANOPY 75WG	0.188	LAA	4	95	83	74	0	99	99
	B CINCH	0.96	LAA	4						
	C>ABUNDIT EXTRA	0.75	LAA	4						
	D>2,4-D LVE	0.50	LAA	4						
	E>LIQUID AMS	2.50	PMV	4						
	F>ABUNDIT EXTRA	0.75	LAA	12						
	G>LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.019	LAA	4	99	99	85	0	99	99
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>ABUNDIT EXTRA	0.75	LAA	4						
	E>2,4-D LVE	0.50	LAA	4						
	F>LIQUID AMS	2.50	PMV	4						
	G>ABUNDIT EXTRA	0.75	LAA	12						
	H>LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.019	LAA	4	97	93	84	0	99	99
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>ABUNDIT EXTRA	0.75	LAA	4						
	E>2,4-D LVE	0.50	LAA	4						
	F>LIQUID AMS	2.50	PMV	4						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	CHEAL	AMBEL	PHBPU	GLXMA	STEME	LAMAM
		RATE	UNIT		CON % 06/19/13	CON % 06/19/13	CON % 06/19/13	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13
8A	BOUNDARY 6.5EC	1.22	LAA	4	50	58	47	0	99	99
	B»ABUNDIT EXTRA	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»ABUNDIT EXTRA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	»FIERCE 76WG	0.14	LAA	4	88	85	68	0	99	99
	B»ABUNDIT EXTRA	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»ABUNDIT EXTRA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	»CRUSHER 50WG	0.023	LAA	4	50	58	53	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»CRUSHER 50WG	0.031	LAA	4	50	50	60	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
12A	»CRUSHER 50WG	0.062	LAA	4	63	65	65	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»LEADOFF 33.4WG	0.031	LAA	4	67	67	53	0	99	99
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
15A	»GLYFOS EXTRA 3	0.75	LAA	4	43	37	30	0	99	99
	B»ACTIVATOR 90	0.25	PMV	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»GLYFOS EXTRA 3	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			11.28	17.56	17.67	0.00	0.00	0.00
		STANDARD DEVIATION			5.51	8.58	8.63	0.00	0.00	0.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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			ERICA	SETFA	CHEAL	AMBEL	PHBPU	GLXMA
		RATE	UNIT	TM	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13	CON % 07/31/13
1A	CLASSIC 25WG	0.021	LAA	4	99	96	99	99	95	0
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.02	LAA	9						
	G>>HARMONY GT 50W	0.006	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.021	LAA	4	99	95	99	99	96	0
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CANOPY 75WG	0.188	LAA	9						
	G CINCH	0.96	LAA	9						
	H>>ABUNDIT EXTRA	0.75	LAA	12						
	I>>LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.021	LAA	4	99	93	99	99	92	0
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.019	LAA	9						
	G SENCOR 75WG	0.223	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
4A	CLASSIC 25WG	0.02	LAA	4	99	89	99	99	91	0
	B>>HARMONY GT 50W	0.006	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
5A	CANOPY 75WG	0.188	LAA	4	99	90	99	99	94	0
	B CINCH	0.96	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.019	LAA	4	99	91	99	99	89	0
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.019	LAA	4	78	27	82	75	40	0
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ERICA	SETFA	CHEAL	AMBEL	PHBPU	GLXMA
		RATE	UNIT		CON % 07/08/13	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13	CON % 07/08/13	CON % 07/31/13
8A	BOUNDARY 6.5EC	1.22	LAA	4	99	86	99	99	84	0
	B»ABUNDIT EXTRA	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»ABUNDIT EXTRA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
9A	»FIERCE 76WG	0.14	LAA	4	99	92	99	99	87	0
	B»ABUNDIT EXTRA	0.75	LAA	4						
	C»2,4-D LVE	0.50	LAA	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»ABUNDIT EXTRA	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
10A	»CRUSHER 50WG	0.023	LAA	4	99	87	99	99	85	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
11A	»CRUSHER 50WG	0.031	LAA	4	99	89	99	99	81	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
12A	»CRUSHER 50WG	0.062	LAA	4	99	90	99	99	90	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A	»LEADOFF 33.4WG	0.031	LAA	4	99	90	99	99	82	0
	B»GLYFOS EXTRA 3	0.75	LAA	4						
	C»ACTIVATOR 90	0.25	PMV	4						
	D»LIQUID AMS	2.50	PMV	4						
	E»GLYFOS EXTRA 3	0.75	LAA	12						
	F»LIQUID AMS	2.50	PMV	12						
15A	»GLYFOS EXTRA 3	0.75	LAA	4	92	82	92	93	78	0
	B»ACTIVATOR 90	0.25	PMV	4						
	C»LIQUID AMS	2.50	PMV	4						
	D»GLYFOS EXTRA 3	0.75	LAA	12						
	E»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			5.54	6.36	3.47	5.08	8.26	0.00
		STANDARD DEVIATION			2.70	3.10	1.69	2.48	4.00	0.00

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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		TM	STEME	LAMAM	ERICA	SETFA	CHEAL	AMBEL
		RATE	UNIT		CON % 07/31/13	CON % 07/31/13	CON % 07/31/13	CON % 07/31/13	CON % 07/31/13	CON % 07/31/13
1A	CLASSIC 25WG	0.021	LAA	4	99	99	99	94	99	99
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.02	LAA	9						
	G>>HARMONY GT 50W	0.006	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
2A	CLASSIC 25WG	0.021	LAA	4	99	99	99	89	99	99
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CANOPY 75WG	0.188	LAA	9						
	G CINCH	0.96	LAA	9						
	H>>ABUNDIT EXTRA	0.75	LAA	12						
	I>>LIQUID AMS	2.50	PMV	12						
3A	CLASSIC 25WG	0.021	LAA	4	99	99	99	82	99	99
	B>>EXPRESS 50SG	0.006	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F CLASSIC 25WG	0.019	LAA	9						
	G SENCOR 75WG	0.223	LAA	9						
	H VALOR 51WG	0.064	LAA	9						
	I>>ABUNDIT EXTRA	0.75	LAA	12						
	J>>LIQUID AMS	2.50	PMV	12						
4A	CLASSIC 25WG	0.02	LAA	4	99	99	99	90	99	99
	B>>HARMONY GT 50W	0.006	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
5A	CANOPY 75WG	0.188	LAA	4	99	99	99	92	99	99
	B CINCH	0.96	LAA	4						
	C>>ABUNDIT EXTRA	0.75	LAA	4						
	D>>2,4-D LVE	0.50	LAA	4						
	E>>LIQUID AMS	2.50	PMV	4						
	F>>ABUNDIT EXTRA	0.75	LAA	12						
	G>>LIQUID AMS	2.50	PMV	12						
6A	CLASSIC 25WG	0.019	LAA	4	99	99	99	90	99	99
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						
	G>>ABUNDIT EXTRA	0.75	LAA	12						
	H>>LIQUID AMS	2.50	PMV	12						
7A	CLASSIC 25WG	0.019	LAA	4	C	C	C	C	C	C
	B SENCOR 75WG	0.223	LAA	4						
	C VALOR 51WG	0.064	LAA	4						
	D>>ABUNDIT EXTRA	0.75	LAA	4						
	E>>2,4-D LVE	0.50	LAA	4						
	F>>LIQUID AMS	2.50	PMV	4						

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		STEME CON % 07/31/13	LAMAM CON % 07/31/13	ERICA CON % 07/31/13	SETFA CON % 07/31/13	CHEAL CON % 07/31/13	AMBEL CON % 07/31/13
		RATE	UNIT TM						
8A	BOUNDARY 6.5EC	1.22	LAA 4	99	99	99	78	94	98
B	»ABUNDIT EXTRA	0.75	LAA 4						
C	»2, 4-D LVE	0.50	LAA 4						
D	»LIQUID AMS	2.50	PMV 4						
E	»ABUNDIT EXTRA	0.75	LAA 12						
F	»LIQUID AMS	2.50	PMV 12						
9A	»FIERCE 76WG	0.14	LAA 4	99	99	99	89	99	99
B	»ABUNDIT EXTRA	0.75	LAA 4						
C	»2, 4-D LVE	0.50	LAA 4						
D	»LIQUID AMS	2.50	PMV 4						
E	»ABUNDIT EXTRA	0.75	LAA 12						
F	»LIQUID AMS	2.50	PMV 12						
10A	»CRUSHER 50WG	0.023	LAA 4	99	99	99	75	99	99
B	»GLYFOS EXTRA 3	0.75	LAA 4						
C	»ACTIVATOR 90	0.25	PMV 4						
D	»LIQUID AMS	2.50	PMV 4						
E	»GLYFOS EXTRA 3	0.75	LAA 12						
F	»LIQUID AMS	2.50	PMV 12						
11A	»CRUSHER 50WG	0.031	LAA 4	99	99	99	89	96	99
B	»GLYFOS EXTRA 3	0.75	LAA 4						
C	»ACTIVATOR 90	0.25	PMV 4						
D	»LIQUID AMS	2.50	PMV 4						
E	»GLYFOS EXTRA 3	0.75	LAA 12						
F	»LIQUID AMS	2.50	PMV 12						
12A	»CRUSHER 50WG	0.062	LAA 4	99	99	99	75	99	99
B	»GLYFOS EXTRA 3	0.75	LAA 4						
C	»ACTIVATOR 90	0.25	PMV 4						
D	»LIQUID AMS	2.50	PMV 4						
E	»GLYFOS EXTRA 3	0.75	LAA 12						
F	»LIQUID AMS	2.50	PMV 12						
13A	CHECK	0.00	NA 0	0	0	0	0	0	0
14A	»LEADOFF 33.4WG	0.031	LAA 4	99	99	99	83	97	99
B	»GLYFOS EXTRA 3	0.75	LAA 4						
C	»ACTIVATOR 90	0.25	PMV 4						
D	»LIQUID AMS	2.50	PMV 4						
E	»GLYFOS EXTRA 3	0.75	LAA 12						
F	»LIQUID AMS	2.50	PMV 12						
15A	»GLYFOS EXTRA 3	0.75	LAA 4	99	99	81	81	77	88
B	»ACTIVATOR 90	0.25	PMV 4						
C	»LIQUID AMS	2.50	PMV 4						
D	»GLYFOS EXTRA 3	0.75	LAA 12						
E	»LIQUID AMS	2.50	PMV 12						
LSD (0.05)				0.00	0.00	5.00	9.08	7.25	1.31
STANDARD DEVIATION				0.00	0.00	2.43	4.43	3.54	0.639

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/05/2013 **REVISED:** 08/16/2013 **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		TM	PHBPU CON % 07/31/13
		RATE	UNIT		
1A	CLASSIC 25WG	0.021	LAA	4	90
B»	EXPRESS 50SG	0.006	LAA	4	
C»	ABUNDIT EXTRA	0.75	LAA	4	
D»	2,4-D LVE	0.50	LAA	4	
E»	LIQUID AMS	2.50	PMV	4	
F	CLASSIC 25WG	0.02	LAA	9	
G»	HARMONY GT 50W	0.006	LAA	9	
H	VALOR 51WG	0.064	LAA	9	
I»	ABUNDIT EXTRA	0.75	LAA	12	
J»	LIQUID AMS	2.50	PMV	12	
2A	CLASSIC 25WG	0.021	LAA	4	88
B»	EXPRESS 50SG	0.006	LAA	4	
C»	ABUNDIT EXTRA	0.75	LAA	4	
D»	2,4-D LVE	0.50	LAA	4	
E»	LIQUID AMS	2.50	PMV	4	
F	CANOPY 75WG	0.188	LAA	9	
G	CINCH	0.96	LAA	9	
H»	ABUNDIT EXTRA	0.75	LAA	12	
I»	LIQUID AMS	2.50	PMV	12	
3A	CLASSIC 25WG	0.021	LAA	4	81
B»	EXPRESS 50SG	0.006	LAA	4	
C»	ABUNDIT EXTRA	0.75	LAA	4	
D»	2,4-D LVE	0.50	LAA	4	
E»	LIQUID AMS	2.50	PMV	4	
F	CLASSIC 25WG	0.019	LAA	9	
G	SENCOR 75WG	0.223	LAA	9	
H	VALOR 51WG	0.064	LAA	9	
I»	ABUNDIT EXTRA	0.75	LAA	12	
J»	LIQUID AMS	2.50	PMV	12	
4A	CLASSIC 25WG	0.02	LAA	4	91
B»	HARMONY GT 50W	0.006	LAA	4	
C	VALOR 51WG	0.064	LAA	4	
D»	ABUNDIT EXTRA	0.75	LAA	4	
E»	2,4-D LVE	0.50	LAA	4	
F»	LIQUID AMS	2.50	PMV	4	
G»	ABUNDIT EXTRA	0.75	LAA	12	
H»	LIQUID AMS	2.50	PMV	12	
5A	CANOPY 75WG	0.188	LAA	4	91
B	CINCH	0.96	LAA	4	
C»	ABUNDIT EXTRA	0.75	LAA	4	
D»	2,4-D LVE	0.50	LAA	4	
E»	LIQUID AMS	2.50	PMV	4	
F»	ABUNDIT EXTRA	0.75	LAA	12	
G»	LIQUID AMS	2.50	PMV	12	
6A	CLASSIC 25WG	0.019	LAA	4	89
B	SENCOR 75WG	0.223	LAA	4	
C	VALOR 51WG	0.064	LAA	4	
D»	ABUNDIT EXTRA	0.75	LAA	4	
E»	2,4-D LVE	0.50	LAA	4	
F»	LIQUID AMS	2.50	PMV	4	
G»	ABUNDIT EXTRA	0.75	LAA	12	
H»	LIQUID AMS	2.50	PMV	12	
7A	CLASSIC 25WG	0.019	LAA	4	C
B	SENCOR 75WG	0.223	LAA	4	
C	VALOR 51WG	0.064	LAA	4	
D»	ABUNDIT EXTRA	0.75	LAA	4	
E»	2,4-D LVE	0.50	LAA	4	
F»	LIQUID AMS	2.50	PMV	4	

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

TRT	TREATMENT	DOSAGE		PHBPU	
NUM	COMPONENT	RATE	UNIT	TM	CON % 07/31/13
8A	BOUNDARY 6.5EC	1.22	LAA	4	68
B	»ABUNDIT EXTRA	0.75	LAA	4	
C	»2, 4-D LVE	0.50	LAA	4	
D	»LIQUID AMS	2.50	PMV	4	
E	»ABUNDIT EXTRA	0.75	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
9A	»FIERCE 76WG	0.14	LAA	4	78
B	»ABUNDIT EXTRA	0.75	LAA	4	
C	»2, 4-D LVE	0.50	LAA	4	
D	»LIQUID AMS	2.50	PMV	4	
E	»ABUNDIT EXTRA	0.75	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
10A	»CRUSHER 50WG	0.023	LAA	4	73
B	»GLYFOS EXTRA 3	0.75	LAA	4	
C	»ACTIVATOR 90	0.25	PMV	4	
D	»LIQUID AMS	2.50	PMV	4	
E	»GLYFOS EXTRA 3	0.75	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
11A	»CRUSHER 50WG	0.031	LAA	4	78
B	»GLYFOS EXTRA 3	0.75	LAA	4	
C	»ACTIVATOR 90	0.25	PMV	4	
D	»LIQUID AMS	2.50	PMV	4	
E	»GLYFOS EXTRA 3	0.75	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
12A	»CRUSHER 50WG	0.062	LAA	4	68
B	»GLYFOS EXTRA 3	0.75	LAA	4	
C	»ACTIVATOR 90	0.25	PMV	4	
D	»LIQUID AMS	2.50	PMV	4	
E	»GLYFOS EXTRA 3	0.75	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
13A	CHECK	0.00	NA	0	0
14A	»LEADOFF 33.4WG	0.031	LAA	4	68
B	»GLYFOS EXTRA 3	0.75	LAA	4	
C	»ACTIVATOR 90	0.25	PMV	4	
D	»LIQUID AMS	2.50	PMV	4	
E	»GLYFOS EXTRA 3	0.75	LAA	12	
F	»LIQUID AMS	2.50	PMV	12	
15A	»GLYFOS EXTRA 3	0.75	LAA	4	55
B	»ACTIVATOR 90	0.25	PMV	4	
C	»LIQUID AMS	2.50	PMV	4	
D	»GLYFOS EXTRA 3	0.75	LAA	12	
E	»LIQUID AMS	2.50	PMV	12	
LSD (0.05)					7.35
STANDARD DEVIATION					3.59

» = SUPPLEMENTAL CHEMICAL

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

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 04 = ----- / EPP 30 DBP 04/22/2013(1)
- 09 = ----- / PREEMERGENCE 05/20/2013(2)
- 12 = ----- / POST 06/19/2013(3)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	STEME	CON %	05/20/2013	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/20/2013	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	05/20/2013	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SETFA	CON %	05/20/2013	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	05/20/2013	06	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	GLXMA	CON %	06/04/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	06/04/2013	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	06/04/2013	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Early-Preplant Weed Control in No-till Glyphosate Tolerant Soybean. N-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
009	ERICA	CON %	06/04/2013	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	SETFA	CON %	06/04/2013	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/04/2013	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMBEL	CON %	06/04/2013	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PHBPU	CON %	06/04/2013	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	GLXMA	CON %	06/19/2013	01	P	GLXMA	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	STEME	CON %	06/19/2013	02	P	STEME	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	LAMAM	CON %	06/19/2013	03	P	LAMAM	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ERICA	CON %	06/19/2013	04	P	ERICA	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	06/19/2013	05	P	SETFA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	CHEAL	CON %	06/19/2013	06	P	CHEAL	19	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	AMBEL	CON %	06/19/2013	07	P	AMBEL	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	PHBPU	CON %	06/19/2013	08	P	PHBPU	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	GLXMA	CON %	07/08/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	STEME	CON %	07/08/2013	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	LAMAM	CON %	07/08/2013	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ERICA	CON %	07/08/2013	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	SETFA	CON %	07/08/2013	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	CHEAL	CON %	07/08/2013	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	AMBEL	CON %	07/08/2013	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	PHBPU	CON %	07/08/2013	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	GLXMA	CON %	07/31/2013	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	STEME	CON %	07/31/2013	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	LAMAM	CON %	07/31/2013	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	ERICA	CON %	07/31/2013	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	SETFA	CON %	07/31/2013	05	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	CHEAL	CON %	07/31/2013	06	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	AMBEL	CON %	07/31/2013	07	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	PHBPU	CON %	07/31/2013	08	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = AG 3231

* STAGE CODE

15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES

18 = 8 LEAVES UNFOLDED

18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED