

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	06	09	12	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/08/13	05/20/13	06/19/13	AME
AIR TEMPERATURE	80	85	84	F
% REL.HUMIDITY	38	40	35	
WIND DIRECTION	NORTHWEST	SOUTH	SOUTHEAST	
WIND SPEED	2.0	7.0	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 *				
P, SOYBEAN			---/15	
AG 3231			8.00/8.00	IN
(PLANTED) 05/20/2013			30 DAP	
PEST *				
P, WATERHEMP, COMMO	---/10 0.25/0.25	---/18 1.00/3.00	---/19 1.00/6.00	IN
P, LAMBSQUARTERS, C	---/10 0.25/0.25	---/14 0.50/0.50	---/19 2.00/4.00	IN
P, HORSEWEED / MARE	---/19 1.00/5.00	---/19 3.00/5.00	---/19 4.00/10.0	IN
P, LETTUCE, PRICKLY	---/19 4.00/8.00	---/19 4.00/10.0	---/19 6.00/12.0	IN
P, HENBIT	---/19 2.00/8.00	---/19 4.00/10.0	---/19 4.00/12.0	IN
P, MORNINGGLORY, TA	---/00 0.00/0.00	---/11 0.50/0.50	---/18 1.00/4.00	IN

*** CONTINUE

SPECIE AND STAGE	DEN / STG	DEN / STG	DEN / STG	
	MIN / MAX	MIN / MAX	MIN / MAX	
PEST * P, FOXTAIL, GIANT	---/10 0.50/0.50	---/11 1.00/1.00	---/19 2.00/12.0	IN
P, CHICKWEED, COMMO	---/19 2.00/8.00	---/19 4.00/8.00	---/19 4.00/10.0	IN

* TIMING CODES

06 = ----- / EPP 7 DBP
 09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

00 = DRY SEED; DORMANCY
 10 = FIRST LEAF THROUGH COLEOPTILE
 10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
 11 = FIRST LEAF UNFOLDED
 11 = 1ST TRUE LEAF/LEAF PAIR/WHORL UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5TH LEAF (3RD TRIFOLIATE LEAF) UNFOLDED, 4 NODES
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = 9 OR MORE LEAVES UNFOLDED

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 05/29/13	STEME CON % 05/29/13	LAMAM CON % 05/29/13	LACSE CON % 05/29/13	ERICA CON % 05/29/13	SETFA CON % 05/29/13
1A»AUTHOR. FIRST	0.26	LAA	6	0	99	99	99	99	90
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	0	99	99	99	99	94
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	94
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	96
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	0	99	99	99	99	94
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	0	99	99	99	99	89
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	98
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	99
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	0.00	0.00	0.00	0.00	5.00
STANDARD DEVIATION				0.00	0.00	0.00	0.00	0.00	2.34

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 05/29/13	AMATA CON % 05/29/13	PHBPU CON % 05/29/13	GLXMA CON % 06/04/13	STEME CON % 06/04/13	LAMAM CON % 06/04/13
1A»AUTHOR. FIRST	0.26	LAA	6	99	99	94	0	99	99
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	99	99	95	0	99	99
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	99	98	95	0	99	99
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	94	8	99	99
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	99	98	88	0	99	99
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	98	86	95	0	99	99
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	99	99	89	0	99	99
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	99	98	98	0	99	99
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.666	8.26	5.69	1.45	0.00	0.00
STANDARD DEVIATION				0.314	3.90	2.68	0.685	0.00	0.00

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	LACSE CON % 06/04/13	ERICA CON % 06/04/13	SETFA CON % 06/04/13	CHEAL CON % 06/04/13	AMATA CON % 06/04/13	PHBPU CON % 06/04/13
1A»AUTHOR. FIRST	0.26	LAA	6	99	99	83	99	99	96
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	99	99	87	99	99	95
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	99	99	87	99	99	93
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	97	99	99	97
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	99	99	93	98	98	94
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	99	99	85	94	83	88
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	99	99	94	99	99	89
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	99	99	94	99	99	94
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	0.00	5.33	2.80	6.47	3.73
STANDARD DEVIATION				0.00	0.00	2.51	1.32	3.05	1.76

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 06/19/13	STEME CON % 06/19/13	LAMAM CON % 06/19/13	LACSE CON % 06/19/13	ERICA CON % 06/19/13	SETFA CON % 06/19/13
1A»AUTHOR. FIRST	0.26	LAA	6	0	99	99	99	96	83
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	0	99	99	99	92	78
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	85
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	98
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	0	99	99	99	88	75
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	0	99	99	99	91	78
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	92	93
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	98	93
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	0.00	0.00	0.00	8.13	6.62
STANDARD DEVIATION				0.00	0.00	0.00	0.00	3.84	3.12

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/19/13	AMATA CON % 06/19/13	PHBPU CON % 06/19/13	GLXMA CON % 07/08/13	STEME CON % 07/08/13	LAMAM CON % 07/08/13
1A»AUTHOR. FIRST	0.26	LAA	6	99	92	92	0	99	99
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	98	90	94	0	99	99
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	99	99	99	0	99	99
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	98	0	99	99
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	77	83	62	0	99	99
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	76	62	88	0	99	99
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	99	99	95	0	99	99
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	97	92	95	0	99	99
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				21.91	17.38	5.33	0.00	0.00	0.00
STANDARD DEVIATION				10.33	8.20	2.51	0.00	0.00	0.00

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	LACSE CON % 07/08/13	ERICA CON % 07/08/13	SETFA CON % 07/08/13	CHEAL CON % 07/08/13	AMATA CON % 07/08/13	PHBPU CON % 07/08/13
1A»AUTHOR. FIRST	0.26	LAA	6	99	99	96	99	99	95
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	99	99	93	99	99	96
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	99	99	93	99	99	94
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	97	99	99	94
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	99	98	95	96	98	87
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	99	99	80	99	87	89
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	99	99	94	99	99	94
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	99	99	97	99	99	95
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	0.666	4.59	1.33	6.00	5.37
STANDARD DEVIATION				0.00	0.314	2.17	0.629	2.83	2.53

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	GLXMA CON % 07/30/13	STEME CON % 07/30/13	LAMAM CON % 07/30/13	LACSE CON % 07/30/13	ERICA CON % 07/30/13	SETFA CON % 07/30/13
1A»AUTHOR. FIRST	0.26	LAA	6	0	99	99	99	99	93
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
2A»AUTHOR. MAXX 6	0.25	LAA	6	0	99	99	99	99	96
B»RNDUP POWERMAX	0.77	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
3A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	93
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»AUTHORITY XL 7	0.175	LAA	9						
E DUAL II MAGNUM	1.43	LAA	9						
F»COC	1.00	PMV	9						
G»LIQUID AMS	2.50	PMV	9						
4A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	93
B»2,4-D LVE	0.50	LAA	6						
C»LIQUID AMS	2.50	PMV	6						
D»VALOR XLT 40WG	0.075	LAA	0						
E CLASSIC 25WG	0.019	LAA	9						
F VALOR 51WG	0.056	LAA	9						
G DUAL II MAGNUM	1.43	LAA	9						
H»COC	1.00	PMV	9						
I»LIQUID AMS	2.50	PMV	9						
5A»TOUCHDN TOTAL	0.78	LAA	6	0	99	99	99	98	94
B»PREFIX 5.32SL	1.33	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»TOUCHDN TOTAL	0.78	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
6A»ROUNDUP ORIGIN	0.75	LAA	6	0	99	99	99	99	83
B»OPTILL 68WG	0.085	LAA	6						
C»MSO	1.00	PMV	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
7A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	94
B»V-10206 85 WG	0.073	LAA	6						
C CLASSIC 25WG	0.016	LAA	6						
D VALOR 51WG	0.058	LAA	6						
E»2,4-D LVE	0.50	LAA	6						
F»LIQUID AMS	2.50	PMV	6						
G»RNDUP POWERMAX	0.77	LAA	12						
H»LIQUID AMS	2.50	PMV	12						
8A CHECK	0.00	NA	0	0	0	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	0	99	99	99	99	97
B»AUTHORITY XL 7	0.26	LAA	6						
C»2,4-D LVE	0.50	LAA	6						
D»LIQUID AMS	2.50	PMV	6						
E»RNDUP POWERMAX	0.77	LAA	12						
F»LIQUID AMS	2.50	PMV	12						
LSD (0.05)				0.00	0.00	0.00	0.00	1.33	4.42
STANDARD DEVIATION				0.00	0.00	0.00	0.00	0.629	2.08

TITLE: Weed Control in No-till Glyphosate Tolerant Soybean. N-100
CREATED: 04/08/2013 **REVISED:** 08/20/2013 **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 TREATMENT NUM COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 07/30/13	AMATA CON % 07/30/13	PHBPU CON % 07/30/13
1A»AUTHOR. FIRST	0.26	LAA	6	99	99	90
B»RNDUP POWERMAX	0.77	LAA	6			
C»2,4-D LVE	0.50	LAA	6			
D»LIQUID AMS	2.50	PMV	6			
2A»AUTHOR. MAXX 6	0.25	LAA	6	99	99	93
B»RNDUP POWERMAX	0.77	LAA	6			
C»2,4-D LVE	0.50	LAA	6			
D»LIQUID AMS	2.50	PMV	6			
3A»RNDUP POWERMAX	0.77	LAA	6	99	98	90
B»2,4-D LVE	0.50	LAA	6			
C»LIQUID AMS	2.50	PMV	6			
D»AUTHORITY XL 7	0.175	LAA	9			
E DUAL II MAGNUM	1.43	LAA	9			
F»COC	1.00	PMV	9			
G»LIQUID AMS	2.50	PMV	9			
4A»RNDUP POWERMAX	0.77	LAA	6	99	99	90
B»2,4-D LVE	0.50	LAA	6			
C»LIQUID AMS	2.50	PMV	6			
D»VALOR XLT 40WG	0.075	LAA	0			
E CLASSIC 25WG	0.019	LAA	9			
F VALOR 51WG	0.056	LAA	9			
G DUAL II MAGNUM	1.43	LAA	9			
H»COC	1.00	PMV	9			
I»LIQUID AMS	2.50	PMV	9			
5A»TOUCHDN TOTAL	0.78	LAA	6	97	94	80
B»PREFIX 5.32SL	1.33	LAA	6			
C»MSO	1.00	PMV	6			
D»LIQUID AMS	2.50	PMV	6			
E»TOUCHDN TOTAL	0.78	LAA	12			
F»LIQUID AMS	2.50	PMV	12			
6A»ROUNDUP ORIGIN	0.75	LAA	6	98	88	87
B»OPTILL 68WG	0.085	LAA	6			
C»MSO	1.00	PMV	6			
D»LIQUID AMS	2.50	PMV	6			
E»RNDUP POWERMAX	0.77	LAA	12			
F»LIQUID AMS	2.50	PMV	12			
7A»RNDUP POWERMAX	0.77	LAA	6	99	99	90
B»V-10206 85 WG	0.073	LAA	6			
C CLASSIC 25WG	0.016	LAA	6			
D VALOR 51WG	0.058	LAA	6			
E»2,4-D LVE	0.50	LAA	6			
F»LIQUID AMS	2.50	PMV	6			
G»RNDUP POWERMAX	0.77	LAA	12			
H»LIQUID AMS	2.50	PMV	12			
8A CHECK	0.00	NA	0	0	0	0
9A»RNDUP POWERMAX	0.77	LAA	6	99	99	94
B»AUTHORITY XL 7	0.26	LAA	6			
C»2,4-D LVE	0.50	LAA	6			
D»LIQUID AMS	2.50	PMV	6			
E»RNDUP POWERMAX	0.77	LAA	12			
F»LIQUID AMS	2.50	PMV	12			
	LSD (0.05)			2.47	9.23	7.68
	STANDARD DEVIATION			1.17	4.35	3.62

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

* TIMING CODES

06 = ----- / EPP 7 DBP 05/08/2013(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	CTRT	SS	NOTE
001	GLXMA	CON %	05/29/2013	01	P	GLXMA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
002	STEME	CON %	05/29/2013	02	P	STEME		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
003	LAMAM	CON %	05/29/2013	03	P	LAMAM		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
004	LACSE	CON %	05/29/2013	04	P	LACSE		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
005	ERICA	CON %	05/29/2013	05	P	ERICA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
006	SETFA	CON %	05/29/2013	06	P	SETFA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
007	CHEAL	CON %	05/29/2013	07	P	CHEAL		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
008	AMATA	CON %	05/29/2013	08	P	AMATA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
009	PHBPU	CON %	05/29/2013	09	P	PHBPU		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
010	GLXMA	CON %	06/04/2013	01	P	GLXMA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
011	STEME	CON %	06/04/2013	02	P	STEME		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
012	LAMAM	CON %	06/04/2013	03	P	LAMAM		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
013	LACSE	CON %	06/04/2013	04	P	LACSE		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
014	ERICA	CON %	06/04/2013	05	P	ERICA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
015	SETFA	CON %	06/04/2013	06	P	SETFA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
016	CHEAL	CON %	06/04/2013	07	P	CHEAL		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
017	AMATA	CON %	06/04/2013	08	P	AMATA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
018	PHBPU	CON %	06/04/2013	09	P	PHBPU		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
019	GLXMA	CON %	06/19/2013	01	P	GLXMA	15	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
020	STEME	CON %	06/19/2013	02	P	STEME	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
021	LAMAM	CON %	06/19/2013	03	P	LAMAM	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
022	LACSE	CON %	06/19/2013	04	P	LACSE	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
023	ERICA	CON %	06/19/2013	05	P	ERICA	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
024	SETFA	CON %	06/19/2013	06	P	SETFA	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
025	CHEAL	CON %	06/19/2013	07	P	CHEAL	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
026	AMATA	CON %	06/19/2013	08	P	AMATA	19	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
027	PHBPU	CON %	06/19/2013	09	P	PHBPU	18	RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
028	GLXMA	CON %	07/08/2013	01	P	GLXMA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
029	STEME	CON %	07/08/2013	02	P	STEME		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
030	LAMAM	CON %	07/08/2013	03	P	LAMAM		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
031	LACSE	CON %	07/08/2013	04	P	LACSE		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
032	ERICA	CON %	07/08/2013	05	P	ERICA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
033	SETFA	CON %	07/08/2013	06	P	SETFA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
034	CHEAL	CON %	07/08/2013	07	P	CHEAL		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
035	AMATA	CON %	07/08/2013	08	P	AMATA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
036	PHBPU	CON %	07/08/2013	09	P	PHBPU		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
037	GLXMA	CON %	07/30/2013	01	P	GLXMA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
038	STEME	CON %	07/30/2013	02	P	STEME		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
039	LAMAM	CON %	07/30/2013	03	P	LAMAM		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
040	LACSE	CON %	07/30/2013	04	P	LACSE		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
041	ERICA	CON %	07/30/2013	05	P	ERICA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
042	SETFA	CON %	07/30/2013	06	P	SETFA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
043	CHEAL	CON %	07/30/2013	07	P	CHEAL		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
044	AMATA	CON %	07/30/2013	08	P	AMATA		RAW	ALL	CON %	---		1.00 PL	NO	0001	0	N
045	PHBPU	CON %	07/30/2013	09	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 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

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

19 = 9 OR MORE LEAVES UNFOLDED