

## SOIL INFORMATION

## TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.4  
 %OM: 4.6  
 PREV. CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	06/23/06	AME
AIR TEMPERATURE	83	F
% REL. HUMIDITY	44	
WIND DIRECTION	NORTHEAST	
WIND SPEED	2.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** CROP ***		
CORN, DENT	---/10	
ASGROW 752RR	20.0/20.0	IN
05/22/2006		
*** PEST ***		
VELVETLEAF	---/19	
	4.00/14.0	IN
WATERHEMP, COMMO	---/19	
	4.00/18.0	IN
LAMBSQUARTERS, C	---/19	
	2.00/8.00	IN
MORNINGGLORY, TA	---/19	
	2.00/8.00	IN
FOXTAIL, GIANT	---/19	
	4.00/15.0	IN

## \* TIMING CODES

12 = ----- / POST

## \* STAGE CODE

10 = FIRST LEAF THROUGH COLEOPTILE

19 = 9 OR MORE LEAVES UNFOLDED

**TITLE:** Glyphosate and Phenoxy Combos for Weed Control in No-till Glyphosate-Resistant Corn  
II. N-100

**CREATED:** 05/19/2006 **REVISED:** 08/11/2006

**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**

**REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 06/30/06	SETFA CON % 06/30/06	CHEAL CON % 06/30/06	AMATA CON % 06/30/06	ABUTH CON % 06/30/06	PHBPU CON % 06/30/06
		RATE	UNIT	TM						
1A	NUP 4U 05 3AE	0.56	LAA	12	0	98	98	99	99	97
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
2A	NUP 4U 05 3AE	0.56	LAA	12	3	98	98	99	99	98
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
3A	NUP 10B 04 3AE	0.56	LAA	12	3	98	98	99	99	97
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	NUP 10B 04 3AE	0.56	LAA	12	2	97	98	98	98	96
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	NUP 10B 04 3AE	0.56	LAA	12	3	97	98	98	98	95
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	NUP 3C 02 3L	0.56	LAA	12	1	98	98	98	99	97
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	NUP 3C 02 3L	0.56	LAA	12	3	96	97	99	99	95
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	NUP-06042 3AE	0.56	LAA	12	1	97	99	99	99	98
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	NUP-06036 4.5A	0.56	LAA	12	2	97	98	98	99	97
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	NUP-06004 3AE	0.56	LAA	12	4	97	98	99	98	97
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	NUP-06036 4.5A	0.56	LAA	12	2	98	99	99	99	97
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	NUP-06008 3AE	0.56	LAA	12	2	97	97	96	97	95
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	NUP-06036 4.5A	0.56	LAA	12	3	97	98	99	99	97
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	NUP-06055 3AE	0.56	LAA	12	0	97	98	99	99	97
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
15A	NUP-06055 3AE	0.56	LAA	12	4	98	98	99	99	96
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
16A	NUP-06056 3AE	0.56	LAA	12	2	97	98	99	99	96
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
17A	NUP-06056 3AE	0.56	LAA	12	3	97	98	99	99	98
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						

TITLE: Glyphosate and Phenoxy Combos for Weed Control in No-till Glyphosate-Resistant Corn  
II. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 06/30/06	CON % 06/30/06	CON % 06/30/06	CON % 06/30/06	CON % 06/30/06	CON % 06/30/06
18A	NUP-06044 4.5A	0.56	LAA	12	3	98	98	99	99	97
	B»NUP 2F 02 3.8L	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
19A	NUP-06044 4.5A	0.56	LAA	12	3	98	99	99	99	98
	B»NUP 2E 03 3.8L	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
20A	NUP-06045 4.5A	0.56	LAA	12	1	97	98	99	99	97
	B»NUP 2F 02 3.8L	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
21A	NUP-06045 4.5A	0.56	LAA	12	2	97	98	99	99	97
	B»NUP 2E 03 3.8L	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
22A	CHECK	0.00	NA	12	0	0	0	0	0	0
23A	NUP-06053 4.5A	0.56	LAA	12	3	96	97	98	99	96
	B»NUP 2F 02 3.8L	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
24A	NUP-06053 4.5A	0.56	LAA	12	1	98	98	99	99	98
	B»NUP 2E 03 3.8L	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
25A	NUP 3C 02 3L	0.56	LAA	12	0	94	89	93	92	73
	B»LIQUID AMS	2.50	PMV	12						
26A	NUP 3E 04 2.67	1.00	LAA	12	0	98	98	99	99	97
	B»LIQUID AMS	2.50	PMV	12						
27A	WEATHERMAX 4.5	0.56	LAA	12	1	98	99	99	99	98
	B (G) 2,4-D-ESTER	0.47	LAA	12						
	C»LIQUID AMS	2.50	PMV	12						
		LSD (0.05)			3.64	1.52	2.00	1.64	2.14	3.70
		STANDARD DEVIATION			1.82	0.76	1.00	0.822	1.07	1.85

**TITLE:** Glyphosate and Phenoxy Combos for Weed Control in No-till Glyphosate-Resistant Corn  
II. N-100

**CREATED:** 05/19/2006 **REVISED:** 08/11/2006

**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**

**REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			ZEAMD CON % 07/17/06	SETFA CON % 07/17/06	CHEAL CON % 07/17/06	AMATA CON % 07/17/06	ABUTH CON % 07/17/06	PHBPU CON % 07/17/06
		RATE	UNIT	TM						
1A	NUP 4U 05 3AE	0.56	LAA	12	0	90	94	89	96	83
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
2A	NUP 4U 05 3AE	0.56	LAA	12	0	94	96	93	98	92
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
3A	NUP 10B 04 3AE	0.56	LAA	12	0	93	97	90	97	87
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
4A	NUP 10B 04 3AE	0.56	LAA	12	0	91	94	86	94	85
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
5A	NUP 10B 04 3AE	0.56	LAA	12	0	95	98	94	99	92
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
6A	NUP 3C 02 3L	0.56	LAA	12	0	89	92	84	94	83
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
7A	NUP 3C 02 3L	0.56	LAA	12	0	92	96	89	95	88
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
8A	NUP-06042 3AE	0.56	LAA	12	0	92	98	93	98	90
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
9A	NUP-06036 4.5A	0.56	LAA	12	0	96	98	95	98	94
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
10A	NUP-06004 3AE	0.56	LAA	12	0	94	98	94	97	92
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
11A	NUP-06036 4.5A	0.56	LAA	12	0	93	96	91	98	92
B	NUP 12K 04 3.8	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
12A	NUP-06008 3AE	0.56	LAA	12	0	92	96	91	97	89
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
13A	NUP-06036 4.5A	0.56	LAA	12	0	89	95	89	96	89
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
14A	NUP-06055 3AE	0.56	LAA	12	0	96	99	97	99	94
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
15A	NUP-06055 3AE	0.56	LAA	12	0	90	95	92	96	88
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
16A	NUP-06056 3AE	0.56	LAA	12	0	96	98	97	99	93
B	NUP 2F 02 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						
17A	NUP-06056 3AE	0.56	LAA	12	0	93	96	92	97	87
B	NUP 2E 03 3.8L	0.47	LAA	12						
C	LIQUID AMS	2.50	PMV	12						

TITLE: Glyphosate and Phenoxy Combos for Weed Control in No-till Glyphosate-Resistant Corn II. N-100

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	SETFA	CHEAL	AMATA	ABUTH	PHBPU
		RATE	UNIT		CON % 07/17/06	CON % 07/17/06	CON % 07/17/06	CON % 07/17/06	CON % 07/17/06	CON % 07/17/06
18A	NUP-06044 4.5A	0.56	LAA 12		0	96	99	97	99	94
	B»NUP 2F 02 3.8L	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
19A	NUP-06044 4.5A	0.56	LAA 12		0	93	96	92	96	89
	B»NUP 2E 03 3.8L	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
20A	NUP-06045 4.5A	0.56	LAA 12		0	95	98	94	98	90
	B»NUP 2F 02 3.8L	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
21A	NUP-06045 4.5A	0.56	LAA 12		0	96	98	94	98	90
	B»NUP 2E 03 3.8L	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
22A	CHECK	0.00	NA 12		0	0	0	0	0	0
23A	NUP-06053 4.5A	0.56	LAA 12		0	94	97	94	98	92
	B»NUP 2F 02 3.8L	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
24A	NUP-06053 4.5A	0.56	LAA 12		0	95	98	96	98	93
	B»NUP 2E 03 3.8L	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
25A	NUP 3C 02 3L	0.56	LAA 12		0	96	92	88	95	82
	B»LIQUID AMS	2.50	PMV 12							
26A	NUP 3E 04 2.67	1.00	LAA 12		0	95	98	95	98	90
	B»LIQUID AMS	2.50	PMV 12							
27A	WEATHERMAX 4.5	0.56	LAA 12		0	96	98	96	98	92
	B (G)2,4-D-ESTER	0.47	LAA 12							
	C»LIQUID AMS	2.50	PMV 12							
		LSD (0.05)			0.00	5.64	3.75	6.88	3.28	7.43
		STANDARD DEVIATION			0.00	2.82	1.88	3.44	1.64	3.71

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

12 = ----- / POST 06/23/2006(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/30/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	SETFA	CON %	06/30/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/30/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/30/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ABUTH	CON %	06/30/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PHBPU	CON %	06/30/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	07/17/2006	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	SETFA	CON %	07/17/2006	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	07/17/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	07/17/2006	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ABUTH	CON %	07/17/2006	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PHBPU	CON %	07/17/2006	06	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 752RR