

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	06	
TYPE	LIQMIX	
APPLICATION DATE	05/04/06	AME
AIR TEMPERATURE	60	F
% REL.HUMIDITY	65	
WIND DIRECTION	NORTH	
WIND SPEED	4.0	M/H
CLOUD COVER	CLEAR	
DEW	YES	
SOIL MOISTURE	MOIST/MOI	
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	---/00	
05/22/2006	/	IN
*** PEST ***		
LAMBSQUARTERS, C	---/19	
	1.00/3.00	IN
HORSEWEED	---/19	
	2.00/6.00	IN
LETTUCE, PRICKLY	---/19	
	4.00/10.0	IN
HENBIT	---/19	
	3.00/6.00	IN
CHICKWEED, COMMO	---/19	
	4.00/8.00	IN
DANDELION, COMMO	---/19	
	2.00/4.00	IN

\* TIMING CODES  
 06 = ----- / EPP 7DBP

\* STAGE CODE  
 00 = DRY SEED (CARYOPSIS)  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

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

**CREATED:** 05/02/2006 **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			STEME CON % 05/16/06	LAMAM CON % 05/16/06	LACSE CON % 05/16/06	TAROF CON % 05/16/06	ERICA CON % 05/16/06	CHEAL CON % 05/16/06
		RATE	UNIT	TM						
1A	NUP 4U 05 3AE	0.56	LAA	6	86	83	89	75	92	78
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
2A	NUP 4U 05 3AE	0.56	LAA	6	83	83	86	72	90	72
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
3A	NUP 10B 04 3AE	0.56	LAA	6	81	82	91	77	94	78
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
4A	NUP 10B 04 3AE	0.56	LAA	6	78	74	88	72	89	73
B	NUP 2E 03 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
5A	NUP 10B 04 3AE	0.56	LAA	6	72	68	84	63	83	67
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
6A	NUP 3C 02 3L	0.56	LAA	6	75	76	90	73	89	74
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
7A	NUP 3C 02 3L	0.56	LAA	6	79	78	92	75	93	76
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
8A	NUP-06042 3AE	0.56	LAA	6	83	80	91	77	93	77
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
9A	NUP-06042 3AE	0.56	LAA	6	77	75	90	74	91	79
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
10A	NUP-06004 3AE	0.56	LAA	6	78	72	90	77	92	78
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
11A	NUP-06004 3AE	0.56	LAA	6	73	63	83	69	85	72
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
12A	NUP-06008 3AE	0.56	LAA	6	68	60	82	65	84	67
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
13A	NUP-06008 3AE	0.56	LAA	6	68	62	86	67	88	70
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
14A	NUP-06055 3AE	0.56	LAA	6	68	62	84	65	86	72
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
15A	NUP-06055 3AE	0.56	LAA	6	63	55	78	60	81	63
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
16A	NUP-06056 3AE	0.56	LAA	6	60	52	84	58	81	60
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
17A	NUP-06056 3AE	0.56	LAA	6	68	60	86	63	86	70
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						

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

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	LACSE	TAROF	ERICA	CHEAL
		RATE	UNIT		CON % 05/16/06	CON % 05/16/06	CON % 05/16/06	CON % 05/16/06	CON % 05/16/06	CON % 05/16/06
18A	»NUP-06044 4.5A	0.56	LAA	6	68	65	84	58	84	68
	B»NUP 2F 02 3.8L	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
19A	»NUP-06044 4.5A	0.56	LAA	6	68	65	88	67	83	67
	B»NUP 12K 04 3.8	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
20A	»NUP-06045 4.5A	0.56	LAA	6	70	62	81	63	81	65
	B»NUP 2F 02 3.8L	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
21A	»NUP-06045 4.5A	0.56	LAA	6	76	70	90	73	88	70
	B»NUP 12K 04 3.8	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A	»NUP-06053 4.5A	0.56	LAA	6	77	72	90	75	92	78
	B»NUP 2F 02 3.8L	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
24A	»NUP-06053 4.5A	0.56	LAA	6	72	70	93	78	94	81
	B»NUP 12K 04 3.8	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
25A	»NUP 3C 02 3L	0.56	LAA	6	67	53	80	65	82	67
	B»LIQUID AMS	2.50	PMV	6						
26A	»NUP 3E 04 2.67	0.56	LAA	6	60	53	77	63	86	67
	B»LIQUID AMS	2.50	PMV	6						
27A	»WEATHERMAX 4.5	0.56	LAA	6	78	77	90	75	92	77
	B (G)2,4-D-ESTER	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
		LSD (0.05)			11.41	15.95	10.52	12.00	8.15	10.10
		STANDARD DEVIATION			5.70	8.00	5.26	6.00	4.07	5.05

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**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			STEME CON % 05/31/06	LAMAM CON % 05/31/06	LACSE CON % 05/31/06	TAROF CON % 05/31/06	ERICA CON % 05/31/06	CHEAL CON % 05/31/06
		RATE	UNIT	TM						
1A	NUP 4U 05 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
2A	NUP 4U 05 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
3A	NUP 10B 04 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
4A	NUP 10B 04 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2E 03 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
5A	NUP 10B 04 3AE	0.56	LAA	6	99	99	98	99	99	99
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
6A	NUP 3C 02 3L	0.56	LAA	6	99	99	98	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
7A	NUP 3C 02 3L	0.56	LAA	6	99	99	99	99	99	99
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
8A	NUP-06042 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
9A	NUP-06042 3AE	0.56	LAA	6	99	99	99	99	99	98
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
10A	NUP-06004 3AE	0.56	LAA	6	99	99	98	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
11A	NUP-06004 3AE	0.56	LAA	6	99	99	98	99	99	99
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
12A	NUP-06008 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
13A	NUP-06008 3AE	0.56	LAA	6	99	99	98	99	98	98
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
14A	NUP-06055 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
15A	NUP-06055 3AE	0.56	LAA	6	99	99	99	98	99	98
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
16A	NUP-06056 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 2F 02 3.8L	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						
17A	NUP-06056 3AE	0.56	LAA	6	99	99	99	99	99	99
B	NUP 12K 04 3.8	0.47	LAA	6						
C	LIQUID AMS	2.50	PMV	6						

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

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME	LAMAM	LACSE	TAROF	ERICA	CHEAL
		RATE	UNIT		CON % 05/31/06	CON % 05/31/06	CON % 05/31/06	CON % 05/31/06	CON % 05/31/06	CON % 05/31/06
18A	NUP-06044 4.5A	0.56	LAA	6	99	99	98	99	99	99
	B»NUP 2F 02 3.8L	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
19A	NUP-06044 4.5A	0.56	LAA	6	99	99	99	99	99	97
	B»NUP 12K 04 3.8	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
20A	NUP-06045 4.5A	0.56	LAA	6	99	99	98	99	99	99
	B»NUP 2F 02 3.8L	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
21A	NUP-06045 4.5A	0.56	LAA	6	99	99	99	99	99	99
	B»NUP 12K 04 3.8	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
22A	CHECK	0.00	NA	0	0	0	0	0	0	0
23A	NUP-06053 4.5A	0.56	LAA	6	99	99	98	99	99	99
	B»NUP 2F 02 3.8L	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
24A	NUP-06053 4.5A	0.56	LAA	6	99	99	99	99	99	99
	B»NUP 12K 04 3.8	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
25A	NUP 3C 02 3L	0.56	LAA	6	99	99	97	98	98	97
	B»LIQUID AMS	2.50	PMV	6						
26A	NUP 3E 04 2.67	0.56	LAA	6	99	99	94	93	96	97
	B»LIQUID AMS	2.50	PMV	6						
27A	WEATHERMAX 4.5	0.56	LAA	6	99	99	99	99	99	99
	B (G)2,4-D-ESTER	0.47	LAA	6						
	C»LIQUID AMS	2.50	PMV	6						
	STANDARD DEVIATION				0.00	0.00	1.57	1.22	1.11	1.64
					0.00	0.00	0.784	0.609	0.554	0.822

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
06 = ----- / EPP 7DBP 05/04/2006(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	STEME	CON %	05/16/2006	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/16/2006	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	LACSE	CON %	05/16/2006	04	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF	CON %	05/16/2006	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ERICA	CON %	05/16/2006	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	CHEAL	CON %	05/16/2006	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	STEME	CON %	05/31/2006	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	LAMAM	CON %	05/31/2006	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	LACSE	CON %	05/31/2006	04	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	TAROF	CON %	05/31/2006	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	05/31/2006	06	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	CHEAL	CON %	05/31/2006	07	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N