

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.2
 %OM: 4.7
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	05	09	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	04/14/03	04/28/02	AME
AIR TEMPERATURE	83	70	F
% REL.HUMIDITY	50	68	
WIND DIRECTION	SOUTHWEST	SOUTHWEST	
WIND SPEED	15.0	3.0	M/H
CLOUD COVER	CLEAR	CLOUDY	
DEW	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	5	5	
NOZZLE SPACING	18.000	18.000	IN
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
VOLUME UNIT	GPA	GPA	
PRESSURE	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	---	---	
DN/SG/MMZ			
*** PEST ***			
VELVETLEAF	---/00		IN
	/		
LAMBSQUARTERS, C	---/14		IN
	0.50/0.50		
HORSEWEED	---/18		IN
	1.00/1.00		
HENBIT	---/13		IN
	1.00/1.00		
FOXTAIL, GIANT	---/10		IN
	1.00/1.00		
CHICKWEED, COMMO	---/18		IN
	1.00/3.00		
DANDELION, COMMO	---/16		IN
	1.00/3.00		

* TIMING CODES

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

* STAGE CODE

00 = DRY SEED; DORMANCY
 10 = FIRST LEAF THROUGH COLEOPTILE
 13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: UCNOTIL Burndown Systems for Weed Control in NoTill Corn C-600W
CREATED: 04/07/2003 **REVISED:** 11/05/2003 **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		TM	ZEAMD	STEME	ERICA	TAROF	CHEAL	SETFA
		RATE	UNIT		CON % 04/30/03	CON % 04/30/03	CON % 04/30/03	CON % 04/30/03	CON % 04/30/03	CON % 04/30/03
1A»	BALANCE PRO 4S	0.047	LAA	5	0	99	99	99	99	99
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
2A»	BALANCE PRO 4S	0.094	LAA	5	0	99	99	98	99	99
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
3A»	TOUCHDN KPMG 4	0.56	LAA	5	0	99	99	99	99	99
	B»LUMAX 3.9L	2.96	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
4A»	TOUCHDN KPMG 4	0.56	LAA	5	0	99	99	99	99	99
	B»BICEP II MAGNU	3.58	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
5A»	FIELDMASTER 4.	4.25	LAA	5	0	99	99	99	99	99
	B»LIQUID AMS	2.50	PMV	5						
6A»	GLYPHOMAX PLUS	0.56	LAA	5	0	99	99	99	99	99
	B»KEYSTONE 5.25L	3.50	LAA	5						
	C»HORNET 68.5WG	0.128	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
7A»	BALANCE PRO 4S	0.047	LAA	9	0					
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
8A»	BALANCE PRO 4S	0.094	LAA	9	0					
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
9A»	TOUCHDN KPMG 4	0.56	LAA	9	0					
	B»LUMAX 3.9L	2.96	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
10A»	TOUCHDN KPMG 4	0.56	LAA	9	0					
	B»BICEP II MAGNU	3.58	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
11A»	FIELDMASTER 4.	4.25	LAA	9	0					
	B»LIQUID AMS	2.50	PMV	9						
12A»	GLYPHOMAX PLUS	0.75	LAA	9	0					
	B»KEYSTONE 5.25L	3.50	LAA	9						
	C»HORNET 68.5WG	0.128	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	WEATHERMAX 4.5	0.56	LAA	9	0					
	B»EPIC 58DF	0.44	LAA	9						
	C ATRAZINE DF	1.25	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
15A»	WEATHERMAX 4.5	0.56	LAA	9	0					
	B»GUARDS MAX 5L	2.50	LAA	9						
	C»BALANCE PRO 4S	0.047	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
		LSD (0.05)			0.00	0.00	0.00	0.518	0.00	0.00
		STANDARD DEVIATION			0.00	0.00	0.00	0.252	0.00	0.00

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	LAMAM	ABUTH	ZEAMD	STEME	ERICA	TAROF	
		RATE	UNIT		CON % 04/30/03	CON % 04/30/03	CON % 05/28/03	CON % 05/28/03	CON % 05/28/03	CON % 05/28/03	
1A»	BALANCE PRO 4S	0.047	LAA	5	98	99	0	99	99	99	
	B ATRAZINE DF	1.00	LAA	5							
	C»COC	1.25	PMV	5							
2A»	BALANCE PRO 4S	0.094	LAA	5	99	99	0	99	99	99	
	B ATRAZINE DF	1.00	LAA	5							
	C»COC	1.25	PMV	5							
3A»	TOUCHDN KPMG 4	0.56	LAA	5	99	99	0	99	99	99	
	B»LUMAX 3.9L	2.96	LAA	5							
	C»LIQUID AMS	2.50	PMV	5							
4A»	TOUCHDN KPMG 4	0.56	LAA	5	99	79	0	99	99	93	
	B»BICEP II MAGNU	3.58	LAA	5							
	C»LIQUID AMS	2.50	PMV	5							
5A»	FIELDMASTER 4.	4.25	LAA	5	99	79	0	99	99	95	
	B»LIQUID AMS	2.50	PMV	5							
6A»	GLYPHOMAX PLUS	0.56	LAA	5	99	84	0	99	99	99	
	B»KEYSTONE 5.25L	3.50	LAA	5							
	C»HORNET 68.5WG	0.128	LAA	5							
	D»LIQUID AMS	2.50	PMV	5							
7A»	BALANCE PRO 4S	0.047	LAA	9			0	99	99	99	
	B ATRAZINE DF	1.00	LAA	9							
	C»COC	1.25	PMV	9							
8A»	BALANCE PRO 4S	0.094	LAA	9			0	99	99	99	
	B ATRAZINE DF	1.00	LAA	9							
	C»COC	1.25	PMV	9							
9A»	TOUCHDN KPMG 4	0.56	LAA	9			0	99	99	99	
	B»LUMAX 3.9L	2.96	LAA	9							
	C»LIQUID AMS	2.50	PMV	9							
10A»	TOUCHDN KPMG 4	0.56	LAA	9			0	99	99	99	
	B»BICEP II MAGNU	3.58	LAA	9							
	C»LIQUID AMS	2.50	PMV	9							
11A»	FIELDMASTER 4.	4.25	LAA	9			0	99	99	99	
	B»LIQUID AMS	2.50	PMV	9							
12A»	GLYPHOMAX PLUS	0.75	LAA	9			0	99	99	99	
	B»KEYSTONE 5.25L	3.50	LAA	9							
	C»HORNET 68.5WG	0.128	LAA	9							
	D»LIQUID AMS	2.50	PMV	9							
13A	CHECK	0.00	NA	0	0	0	0	0	0	0	
14A»	WEATHERMAX 4.5	0.56	LAA	9			0	99	99	99	
	B»EPIC 58DF	0.44	LAA	9							
	C ATRAZINE DF	1.25	LAA	9							
	D»LIQUID AMS	2.50	PMV	9							
15A»	WEATHERMAX 4.5	0.56	LAA	9			0	99	99	99	
	B»GUARDS MAX 5L	2.50	LAA	9							
	C»BALANCE PRO 4S	0.047	LAA	9							
	D»LIQUID AMS	2.50	PMV	9							
					LSD (0.05)	1.00	4.53	0.00	0.00	0.00	3.07
					STANDARD DEVIATION	0.504	2.20	0.00	0.00	0.00	1.49

TITLE: UCNOTIL Burndown Systems for Weed Control in NoTill Corn C-600W
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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		TM	CHEAL	SETFA	LAMAM	ABUTH	ZEAMD	STEME
		RATE	UNIT		CON % 05/28/03	CON % 05/28/03	CON % 05/28/03	CON % 05/28/03	CON % 06/26/03	CON % 06/26/03
1A»	BALANCE PRO 4S	0.047	LAA	5	96	97	99	97	0	99
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
2A»	BALANCE PRO 4S	0.094	LAA	5	99	99	99	99	0	99
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
3A»	TOUCHDN KPMG 4	0.56	LAA	5	99	99	99	99	0	99
	B»LUMAX 3.9L	2.96	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
4A»	TOUCHDN KPMG 4	0.56	LAA	5	98	99	99	77	0	99
	B»BICEP II MAGNU	3.58	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
5A»	FIELDMASTER 4.	4.25	LAA	5	99	99	99	78	0	99
	B»LIQUID AMS	2.50	PMV	5						
6A»	GLYPHOMAX PLUS	0.56	LAA	5	99	99	99	87	0	99
	B»KEYSTONE 5.25L	3.50	LAA	5						
	C»HORNET 68.5WG	0.128	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
7A»	BALANCE PRO 4S	0.047	LAA	9	95	97	99	99	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
8A»	BALANCE PRO 4S	0.094	LAA	9	99	99	99	99	0	99
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
9A»	TOUCHDN KPMG 4	0.56	LAA	9	99	99	99	99	0	99
	B»LUMAX 3.9L	2.96	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
10A»	TOUCHDN KPMG 4	0.56	LAA	9	99	99	99	82	0	99
	B»BICEP II MAGNU	3.58	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
11A»	FIELDMASTER 4.	4.25	LAA	9	99	99	99	83	0	99
	B»LIQUID AMS	2.50	PMV	9						
12A»	GLYPHOMAX PLUS	0.75	LAA	9	99	99	99	84	0	99
	B»KEYSTONE 5.25L	3.50	LAA	9						
	C»HORNET 68.5WG	0.128	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	WEATHERMAX 4.5	0.56	LAA	9	99	99	99	99	0	99
	B»EPIC 58DF	0.44	LAA	9						
	C ATRAZINE DF	1.25	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
15A»	WEATHERMAX 4.5	0.56	LAA	9	99	98	99	99	0	99
	B»GUARDS MAX 5L	2.50	LAA	9						
	C»BALANCE PRO 4S	0.047	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
		LSD (0.05)			3.09	1.77	0.00	5.37	0.00	0.00
		STANDARD DEVIATION			1.50	0.859	0.00	2.61	0.00	0.00

TITLE: UCNOTIL Burndown Systems for Weed Control in NoTill Corn C-600W
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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		TM	ERICA	TAROF	CHEAL	SETFA	LAMAM	ABUTH
		RATE	UNIT		CON % 06/26/03	CON % 06/26/03	CON % 06/26/03	CON % 06/26/03	CON % 06/26/03	CON % 06/26/03
1A»	BALANCE PRO 4S	0.047	LAA	5	99	99	88	88	99	98
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
2A»	BALANCE PRO 4S	0.094	LAA	5	99	99	99	99	99	96
	B ATRAZINE DF	1.00	LAA	5						
	C»COC	1.25	PMV	5						
3A»	TOUCHDN KPMG 4	0.56	LAA	5	99	99	99	99	99	99
	B»LUMAX 3.9L	2.96	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
4A»	TOUCHDN KPMG 4	0.56	LAA	5	99	94	85	97	99	68
	B»BICEP II MAGNU	3.58	LAA	5						
	C»LIQUID AMS	2.50	PMV	5						
5A»	FIELDMASTER 4.	4.25	LAA	5	99	96	96	99	99	65
	B»LIQUID AMS	2.50	PMV	5						
6A»	GLYPHOMAX PLUS	0.56	LAA	5	99	96	93	96	99	87
	B»KEYSTONE 5.25L	3.50	LAA	5						
	C»HORNET 68.5WG	0.128	LAA	5						
	D»LIQUID AMS	2.50	PMV	5						
7A»	BALANCE PRO 4S	0.047	LAA	9	99	99	98	99	99	99
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
8A»	BALANCE PRO 4S	0.094	LAA	9	99	99	99	99	99	98
	B ATRAZINE DF	1.00	LAA	9						
	C»COC	1.25	PMV	9						
9A»	TOUCHDN KPMG 4	0.56	LAA	9	99	99	98	99	99	99
	B»LUMAX 3.9L	2.96	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
10A»	TOUCHDN KPMG 4	0.56	LAA	9	99	99	98	99	99	78
	B»BICEP II MAGNU	3.58	LAA	9						
	C»LIQUID AMS	2.50	PMV	9						
11A»	FIELDMASTER 4.	4.25	LAA	9	99	95	91	98	99	75
	B»LIQUID AMS	2.50	PMV	9						
12A»	GLYPHOMAX PLUS	0.75	LAA	9	99	99	99	98	99	93
	B»KEYSTONE 5.25L	3.50	LAA	9						
	C»HORNET 68.5WG	0.128	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
13A	CHECK	0.00	NA	0	0	0	0	0	0	0
14A»	WEATHERMAX 4.5	0.56	LAA	9	99	99	99	99	99	99
	B»EPIC 58DF	0.44	LAA	9						
	C ATRAZINE DF	1.25	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
15A»	WEATHERMAX 4.5	0.56	LAA	9	99	99	98	99	99	98
	B»GUARDS MAX 5L	2.50	LAA	9						
	C»BALANCE PRO 4S	0.047	LAA	9						
	D»LIQUID AMS	2.50	PMV	9						
		LSD (0.05)			0.00	3.76	4.07	3.50	0.00	4.69
		STANDARD DEVIATION			0.00	1.83	2.00	1.70	0.00	2.28

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

05 = ----- / EPP 15DBP 04/14/2003(1)

* TIMING CODES

09 = ----- / PREEMERGENCE 04/28/2002(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	ZEAMD	CON %	04/30/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	STEME	CON %	04/30/2003	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ERICA	CON %	04/30/2003	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF	CON %	04/30/2003	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	04/30/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	CON %	04/30/2003	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	LAMAM	CON %	04/30/2003	07	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ABUTH	CON %	04/30/2003	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ZEAMD	CON %	05/28/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	STEME	CON %	05/28/2003	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	ERICA	CON %	05/28/2003	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	TAROF	CON %	05/28/2003	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	CON %	05/28/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	SETFA	CON %	05/28/2003	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	LAMAM	CON %	05/28/2003	07	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	05/28/2003	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	ZEAMD	CON %	06/26/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	STEME	CON %	06/26/2003	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ERICA	CON %	06/26/2003	03	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	TAROF	CON %	06/26/2003	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CHEAL	CON %	06/26/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	SETFA	CON %	06/26/2003	06	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	LAMAM	CON %	06/26/2003	07	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	CON %	06/26/2003	08	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = DEKALB 6017 RR