

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
 PLOT AREA: 225 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	06	
TYPE	LIQMIX	
APPLICATION DATE	04/30/07	AME
AIR TEMPERATURE	74	F
% REL.HUMIDITY	40	
WIND DIRECTION	WEST	
WIND SPEED	6.0	M/H
CLOUD COVER	CLEAR	
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
SCREEN SIZE		
SCREEN SZ DESC	NA	
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
SCREEN SIZE	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	
	DN/SG/MMZ	
*** PEST ***		
HENBIT	---/19 1.00/4.00	IN
CHICKWEED, COMMO	---/19 1.00/4.00	IN
04/30/2007		
DANDELION, COMMO	---/19 2.00/4.00	IN

* TIMING CODES

06 = ----- / EPP 7DBP

* STAGE CODE

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

TITLE: Burndown options for weed control in glyphosate-resistant no-till corn. C-600W
CREATED: 04/03/2007 **REVISED:** 08/31/2007 **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		STEME CON % 05/15/07	LAMAM CON % 05/15/07	TAROF CON % 05/15/07	STEME CON % 06/02/07	LAMAM CON % 06/02/07	TAROF CON % 06/02/07
		RATE	UNIT						
1A»	WEATHERMAX 4.5	0.77	LAA 6	99	89	80	99	93	78
B»	LIQUID AMS	5.00	PMV 6						
2A»	WEATHERMAX 4.5	0.77	LAA 6	99	91	88	99	99	87
B	CLARITY	0.125	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
3A»	WEATHERMAX 4.5	0.77	LAA 6	99	94	89	99	99	92
B	CLARITY	0.25	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
4A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	94	99	99	88
B»	IR 6396 1.67SL	0.045	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
5A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	98	99	99	93
B»	IR 8116 1.67SL	0.045	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
6A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	98	99	99	92
B»	IR 8116 1.67SL	0.089	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
7A»	WEATHERMAX 4.5	0.77	LAA 6	99	95	94	99	99	97
B»	IR 8116 1.67SL	0.045	LAA 6						
C	CLARITY	0.125	LAA 6						
D»	LIQUID AMS	5.00	PMV 6						
8A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	96	99	99	96
B»	IR 8116 1.67SL	0.045	LAA 6						
C	CLARITY	0.25	LAA 6						
D»	LIQUID AMS	5.00	PMV 6						
9A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	98	99	99	92
B»	IR 8116 1.67SL	0.089	LAA 6						
C	CLARITY	0.125	LAA 6						
D»	LIQUID AMS	5.00	PMV 6						
10A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	99	99	99	99
B»	IR 8116 1.67SL	0.089	LAA 6						
C	CLARITY	0.25	LAA 6						
D»	LIQUID AMS	5.00	PMV 6						
11A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	99	99	99	93
B»	IR 8116 1.67SL	0.089	LAA 6						
C	DUAL II MAGNUM	1.05	LAA 6						
D»	LIQUID AMS	5.00	PMV 6						
12A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	92	99	99	89
B	DUAL II MAGNUM	1.05	LAA 6						
C	REFLEX 2LC	0.25	LAA 6						
D»	LIQUID AMS	5.00	PMV 6						
13A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	92	99	99	99
B	VALOR 51WG	0.064	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
14A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	95	99	99	94
B»	IR 5878 50WG	0.047	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						
15A»	WEATHERMAX 4.5	0.77	LAA 6	99	99	96	99	99	96
B»	IR 5878 50WG	0.066	LAA 6						
C»	LIQUID AMS	5.00	PMV 6						

TITLE: Burndown options for weed control in glyphosate-resistant no-till corn. C-600W

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	STEME CON % 05/15/07	LAMAM CON % 05/15/07	TAROF CON % 05/15/07	STEME CON % 06/02/07	LAMAM CON % 06/02/07	TAROF CON % 06/02/07
		RATE	UNIT							
16A	WEATHERMAX 4.5	0.77	LAA	6	99	99	99	99	99	99
	B>IR 5878 50WG	0.131	LAA	6						
	C>LIQUID AMS	5.00	PMV	6						
17A	WEATHERMAX 4.5	0.77	LAA	6	99	99	95	99	99	99
	B>IR 5878 50WG	0.066	LAA	6						
	C CLARITY	0.125	LAA	6						
	D>LIQUID AMS	5.00	PMV	6						
18A	CHECK	0.00	NA	0	0	0	0	0	0	0
19A	WEATHERMAX 4.5	0.77	LAA	6	99	99	98	99	99	98
	B>IR 5878 50WG	0.066	LAA	6						
	C CLARITY	0.25	LAA	6						
	D>LIQUID AMS	5.00	PMV	6						
20A	WEATHERMAX 4.5	0.77	LAA	6	99	99	96	99	99	96
	B>IR 5878 50WG	0.047	LAA	6						
	C VALOR 51WG	0.064	LAA	6						
	D>LIQUID AMS	5.00	PMV	6						
21A	WEATHERMAX 4.5	0.77	LAA	6	99	99	99	99	99	99
	B>IR 5878 50WG	0.066	LAA	6						
	C VALOR 51WG	0.064	LAA	6						
	D>LIQUID AMS	5.00	PMV	6						
22A	WEATHERMAX 4.5	0.77	LAA	6	99	99	97	99	99	96
	B>ET-751 0.21L	0.0012	LAA	6						
	C (G)2,4-D-ESTER	0.50	LAA	6						
	D>ACTIVATOR 90	0.25	PMV	6						
	E>LIQUID AMS	5.00	PMV	6						
LSD (0.05)					0.00	1.83	2.56	0.00	3.82	4.85
STANDARD DEVIATION					0.00	0.916	1.28	0.00	1.91	2.43

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
06 = ----- / EPP 7DBP 04/30/2007(1)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	STEME	CON %	05/15/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	05/15/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	TAROF	CON %	05/15/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	STEME	CON %	06/02/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	LAMAM	CON %	06/02/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	TAROF	CON %	06/02/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N