

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.2
%OM: 4.7
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	UNIT
TIMINGS	05	
TYPE	LIQMIX	
APPLICATION DATE	04/20/07	AME
AIR TEMPERATURE	45	F
% REL.HUMIDITY	35	
WIND DIRECTION	EAST	
WIND SPEED	2.0	M/H
CLOUD COVER	NA/UNKNOW	
DEW	YES	
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	
*** CROP ***		
CORN, DENT	---/01	
DEKALB 61-69	/	IN
05/07/2007		
*** PEST ***		
VELVETLEAF	---/10	
	0.50/0.50	IN
WATERHEMP, COMMO	---/10	
	0.50/0.50	IN
HENBIT	---/19	
	2.00/4.00	IN
FOXTAIL, GIANT	---/00	
	/	IN
CHICKWEED, COMMO	---/19	
	1.00/3.00	IN
DANDELION, COMMO	---/19	
	1.00/3.00	IN

* TIMING CODES

05 = ----- / EPP 15DBP

* STAGE CODE

00 = DRY SEED (CARYOPSIS)
01 = BEGINNING OF IMBIBITION
10 = 1ST LEAF EMERGED; COTYLEDONS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed control options in glyphosate-resistant no-till corn. C-600W
CREATED: 04/04/2007 **REVISED:** 10/25/2007 **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 % 04/28/07	LAMAM CON % 04/28/07	TAROF CON % 04/28/07	ABUTH CON % 04/28/07	AMATA CON % 04/28/07	STEME CON % 05/06/07
		RATE	UNIT						
1A	WEATHERMAX 4.5	0.75	LAA 5	93	82	70	50	47	99
B	LIQUID AMS	2.50	PMV 5						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
2A	WEATHERMAX 4.5	0.75	LAA 5	99	94	79	82	94	99
B	VALOR 51WG	0.064	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	LIQUID AMS	2.50	PMV 12						
3A	WEATHERMAX 4.5	0.75	LAA 5	99	99	85	85	99	99
B	VALOR 51WG	0.064	LAA 5						
C	ATRAZINE DF	1.00	LAA 5						
D	LIQUID AMS	2.50	PMV 5						
E	WEATHERMAX 4.5	0.75	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
4A	WEATHERMAX 4.5	0.75	LAA 5	99	99	88	88	99	99
B	BICEP II MAG	1.79	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	LIQUID AMS	2.50	PMV 12						
5A	WEATHERMAX 4.5	0.75	LAA 5	99	94	83	72	90	99
B	VALOR 51WG	0.064	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	ATRAZINE DF	1.00	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
6A	WEATHERMAX 4.5	0.75	LAA 5	99	93	85	72	88	99
B	VALOR 51WG	0.064	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	RESOURCE (0.86	0.02	LAA 12						
F	LIQUID AMS	2.50	PMV 12						
7A	RDUP ORIG MAX	0.75	LAA 5	99	97	83	40	47	99
B	RAGE D-TECH 4L	0.25	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	LIQUID AMS	2.50	PMV 12						
8A	RDUP ORIG MAX	0.75	LAA 5	99	98	86	50	50	99
B	RAGE D-TECH 4L	0.375	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	LIQUID AMS	2.50	PMV 12						
9A	RDUP ORIG MAX	0.75	LAA 5	99	92	88	30	30	99
B	(G)2,4-D-ESTER	0.50	LAA 5						
C	LIQUID AMS	2.50	PMV 5						
D	WEATHERMAX 4.5	0.75	LAA 12						
E	LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A	EXPERT 4.88SC	4.57	LAA 5	99	99	93	96	99	99
B	LIQUID AMS	2.50	PMV 5						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						
12A	FIELD MASTER	4.57	LAA 5	99	99	91	86	99	99
B	LIQUID AMS	2.50	PMV 5						
C	WEATHERMAX 4.5	0.75	LAA 12						
D	LIQUID AMS	2.50	PMV 12						

TITLE: Weed control options in glyphosate-resistant no-till corn. C-600W							
LSD (0.05)	1.23	2.60	5.27	10.66	6.36	0.00	
STANDARD DEVIATION	0.593	1.25	2.54	5.14	3.07	0.00	

TITLE: Weed control options in glyphosate-resistant no-till corn. C-600W
CREATED: 04/04/2007 **REVISED:** 10/25/2007 **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		TM	LAMAM	TAROF	ABUTH	AMATA	SETFA	ZEAMD
		RATE	UNIT		CON % 05/06/07	CON % 05/06/07	CON % 05/06/07	CON % 05/06/07	CON % 05/06/07	CON % 05/25/07
1A	WEATHERMAX 4.5	0.75	LAA	5	93	70	77	78	30	0
B	LIQUID AMS	2.50	PMV	5						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
2A	WEATHERMAX 4.5	0.75	LAA	5	99	87	90	96	98	0
B	VALOR 51WG	0.064	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
3A	WEATHERMAX 4.5	0.75	LAA	5	99	91	94	98	98	0
B	VALOR 51WG	0.064	LAA	5						
C	ATRAZINE DF	1.00	LAA	5						
D	LIQUID AMS	2.50	PMV	5						
E	WEATHERMAX 4.5	0.75	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
4A	WEATHERMAX 4.5	0.75	LAA	5	99	90	99	99	99	0
B	BICEP II MAG	1.79	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
5A	WEATHERMAX 4.5	0.75	LAA	5	99	86	99	99	99	0
B	VALOR 51WG	0.064	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	ATRAZINE DF	1.00	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
6A	WEATHERMAX 4.5	0.75	LAA	5	99	93	99	99	99	0
B	VALOR 51WG	0.064	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	RESOURCE (0.86	0.02	LAA	12						
F	LIQUID AMS	2.50	PMV	12						
7A	RDUP ORIG MAX	0.75	LAA	5	99	89	95	92	91	0
B	RAGE D-TECH 4L	0.25	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
8A	RDUP ORIG MAX	0.75	LAA	5	99	89	97	89	88	0
B	RAGE D-TECH 4L	0.375	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
9A	RDUP ORIG MAX	0.75	LAA	5	99	94	88	88	67	0
B	(G)2,4-D-ESTER	0.50	LAA	5						
C	LIQUID AMS	2.50	PMV	5						
D	WEATHERMAX 4.5	0.75	LAA	12						
E	LIQUID AMS	2.50	PMV	12						
10A	CHECK	0.00	NA	0	0	0	0	0	0	0
11A	EXPERT 4.88SC	4.57	LAA	5	99	98	99	99	99	0
B	LIQUID AMS	2.50	PMV	5						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						
12A	FIELD MASTER	4.57	LAA	5	99	90	99	99	99	0
B	LIQUID AMS	2.50	PMV	5						
C	WEATHERMAX 4.5	0.75	LAA	12						
D	LIQUID AMS	2.50	PMV	12						

TITLE: Weed control options in glyphosate-resistant no-till corn. C-600W							
LSD (0.05)	1.23	4.53	6.00	4.88	18.07	0.00	
STANDARD DEVIATION	0.593	2.18	2.90	2.35	8.71	0.00	

TITLE: Weed control options in glyphosate-resistant no-till corn. C-600W
CREATED: 04/04/2007 **REVISED:** 10/25/2007 **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 % 05/25/07	LAMAM CON % 05/25/07	TAROF CON % 05/25/07	ABUTH CON % 05/25/07	AMATA CON % 05/25/07	SETFA CON % 05/25/07
		RATE	UNIT						
1A	WEATHERMAX 4.5	0.75	LAA 5	99	99	84	0	0	0
	B>LIQUID AMS	2.50	PMV 5						
	C>WEATHERMAX 4.5	0.75	LAA 12						
	D>LIQUID AMS	2.50	PMV 12						
2A	WEATHERMAX 4.5	0.75	LAA 5	99	99	94	42	76	50
	B VALOR 51WG	0.064	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
3A	WEATHERMAX 4.5	0.75	LAA 5	99	99	95	61	90	62
	B VALOR 51WG	0.064	LAA 5						
	C ATRAZINE DF	1.00	LAA 5						
	D>LIQUID AMS	2.50	PMV 5						
	E>WEATHERMAX 4.5	0.75	LAA 12						
	F>LIQUID AMS	2.50	PMV 12						
4A	WEATHERMAX 4.5	0.75	LAA 5	99	99	95	75	96	93
	B BICEP II MAG	1.79	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
5A	WEATHERMAX 4.5	0.75	LAA 5	99	99	92	68	86	58
	B VALOR 51WG	0.064	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E ATRAZINE DF	1.00	LAA 12						
	F>LIQUID AMS	2.50	PMV 12						
6A	WEATHERMAX 4.5	0.75	LAA 5	99	99	90	71	86	68
	B VALOR 51WG	0.064	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E RESOURCE (0.86	0.02	LAA 12						
	F>LIQUID AMS	2.50	PMV 12						
7A	RDUP ORIG MAX	0.75	LAA 5	99	99	87	40	57	28
	B>RAGE D-TECH 4L	0.25	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
8A	RDUP ORIG MAX	0.75	LAA 5	99	99	92	43	57	35
	B>RAGE D-TECH 4L	0.375	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
9A	RDUP ORIG MAX	0.75	LAA 5	99	99	94	30	27	7
	B (G)2,4-D-ESTER	0.50	LAA 5						
	C>LIQUID AMS	2.50	PMV 5						
	D>WEATHERMAX 4.5	0.75	LAA 12						
	E>LIQUID AMS	2.50	PMV 12						
10A	CHECK	0.00	NA 0	0	0	0	0	0	0
11A	EXPERT 4.88SC	4.57	LAA 5	99	99	97	95	98	96
	B>LIQUID AMS	2.50	PMV 5						
	C>WEATHERMAX 4.5	0.75	LAA 12						
	D>LIQUID AMS	2.50	PMV 12						
12A	FIELD MASTER	4.57	LAA 5	99	99	95	91	99	98
	B>LIQUID AMS	2.50	PMV 5						
	C>WEATHERMAX 4.5	0.75	LAA 12						
	D>LIQUID AMS	2.50	PMV 12						

TITLE: Weed control options in glyphosate-resistant no-till corn. C-600W
 LSD (0.05) 0.00 0.00 5.81 9.74 11.31 12.13
 STANDARD DEVIATION 0.00 0.00 2.80 4.70 5.45 5.85

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 05 = ----- / EPP 15DBP 04/20/2007(1)
 12 = ----- / POST

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 %	04/28/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	04/28/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	TAROF	CON %	04/28/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	04/28/2007	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	AMATA	CON %	04/28/2007	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	STEME	CON %	05/06/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	LAMAM	CON %	05/06/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	TAROF	CON %	05/06/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	CON %	05/06/2007	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	05/06/2007	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CON %	05/06/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ZEAMD	CON %	05/25/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	STEME	CON %	05/25/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	LAMAM	CON %	05/25/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	TAROF	CON %	05/25/2007	04	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	ABUTH	CON %	05/25/2007	05	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	CON %	05/25/2007	06	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	SETFA	CON %	05/25/2007	07	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - VARIETY/SPECIE INFO (IF APPLICABLE)

01 = DEKALB 61-69