

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	02	UNIT
TIMINGS	01	12	
TYPE	LIQMIX	LIQMIX	
APPLICATION DATE	11/21/06	06/06/07	AME
AIR TEMPERATURE	49	80	F
% REL.HUMIDITY	48	68	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	6.0	7.0	M/H
CLOUD COVER	CLEAR	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	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
SCREEN SIZE			
SCREEN SZ DESC	NA	NA	
SWATH WIDTH	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	
SCREEN SIZE	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			
*** CROP ***			
CORN, DENT	---/01		
DEKALB 61-69	/		IN
05/07/2007			
*** PEST ***			
LAMBSQUARTERS, C	---/00		
	/		IN
POISON-HEMLOCK	---/12		
	0.50/0.50		IN
HORSEWEED / MARE	---/00		
	/		IN
HENBIT	---/14		
	0.50/0.50		IN
GROUNDSEL, CRESS	---/00		
	/		IN
CHICKWEED, COMMO	---/15		
	0.25/0.50		IN
DANDELION, COMMO	---/18		
	0.50/1.00		IN

* TIMING CODES

01 = ----- / FALL APPL'D
12 = ----- / POST

* STAGE CODE

00 = DRY SEED; DORMANCY
01 = BEGINNING OF IMBIBITION
12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

* STAGE CODE

15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Fall Weed Control Systems in Glyphosate Resistant Corn. C-600W
CREATED: 11/13/2006 **REVISED:** 10/23/2007 **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 % 11/28/06	LAMAM CON % 11/28/06	COIMA CON % 11/28/06	TAROF CON % 11/28/06	STEME CON % 03/27/07	LAMAM CON % 03/27/07	
		RATE	UNIT TM							
1A»	BASIS	0.023	LAA 1	37	33	37	52	92	91	
	B (G)2,4-D-ESTER	0.50	LAA 1							
	C»COC	1.00	PMV 1							
2A»	BASIS	0.023	LAA 1	43	47	60	62	99	98	
	B PRINCEP 4L	0.90	LAA 1							
	C (G)2,4-D-ESTER	0.50	LAA 1							
	D»COC	1.00	PMV 1							
3A»	AUTUMN 10 WDG	0.002	LAA 1	40	37	52	68	95	94	
	B (G)2,4-D-ESTER	0.50	LAA 1							
	C»COC	1.00	PMV 1							
4A	PRINCEP 4L	0.90	LAA 1	33	37	45	58	93	94	
	B (G)2,4-D-ESTER	0.50	LAA 1							
	C»COC	1.00	PMV 1							
5A»	WEATHERMAX 4.5	0.75	LAA 1	33	37	61	53	96	95	
	B (G)2,4-D-ESTER	0.50	LAA 1							
	C»LIQUID AMS	5.00	PMV 1							
6A	CHECK	0.00	NA 0	0	0	0	0	0	0	
7A»	WEATHERMAX 4.5	0.75	LAA 1	47	47	52	65	99	99	
	B (G)2,4-D-ESTER	0.50	LAA 1							
	C»KIH-485 60WG	0.19	LAA 1							
	D»LIQUID AMS	5.00	PMV 1							
8A»	WEATHERMAX 4.5	0.75	LAA 1	68	67	58	77	99	99	
	B (G)2,4-D-ESTER	0.50	LAA 1							
	C VALOR 51WG	0.057	LAA 1							
	D»LIQUID AMS	5.00	PMV 1							
9A	WEEDMASTER SL	1.00	LAA 1	53	53	60	60	99	99	
	B EXPRESS 75WG	0.0047	LAA 1							
	C»LIQUID AMS	2.50	PMV 1							
				LSD (0.05)	8.41	9.16	7.41	11.00	3.55	5.60
				STANDARD DEVIATION	4.00	4.32	3.50	5.20	1.67	2.64

TITLE: Fall Weed Control Systems in Glyphosate Resistant Corn. C-600W
CREATED: 11/13/2006 **REVISED:** 10/23/2007 **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	COIMA	TAROF	SENGL	ERICA	CHEAL	STEME	
		RATE	UNIT		CON % 03/27/07	CON % 03/27/07	CON % 03/27/07	CON % 03/27/07	CON % 03/27/07	CON % 05/06/07	
1A»	BASIS	0.023	LAA	1	96	93	97	98	99	95	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»COC	1.00	PMV	1							
2A»	BASIS	0.023	LAA	1	99	97	99	99	99	99	
	B PRINCEP 4L	0.90	LAA	1							
	C (G)2,4-D-ESTER	0.50	LAA	1							
	D»COC	1.00	PMV	1							
3A»	AUTUMN 10 WDG	0.002	LAA	1	95	93	99	99	99	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»COC	1.00	PMV	1							
4A	PRINCEP 4L	0.90	LAA	1	89	93	99	99	99	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»COC	1.00	PMV	1							
5A»	WEATHERMAX 4.5	0.75	LAA	1	97	96	96	97	99	95	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»LIQUID AMS	5.00	PMV	1							
6A	CHECK	0.00	NA	0	0	0	0	0	0	0	
7A»	WEATHERMAX 4.5	0.75	LAA	1	99	97	99	99	99	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»KIH-485 60WG	0.19	LAA	1							
	D»LIQUID AMS	5.00	PMV	1							
8A»	WEATHERMAX 4.5	0.75	LAA	1	99	99	99	99	99	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C VALOR 51WG	0.057	LAA	1							
	D»LIQUID AMS	5.00	PMV	1							
9A	WEEDMASTER SL	1.00	LAA	1	97	99	99	99	99	99	
	B EXPRESS 75WG	0.0047	LAA	1							
	C»LIQUID AMS	2.50	PMV	1							
					LSD (0.05)	7.43	2.82	1.33	1.39	0.00	2.90
					STANDARD DEVIATION	3.51	1.33	0.629	0.657	0.00	1.37

TITLE: Fall Weed Control Systems in Glyphosate Resistant Corn. C-600W
CREATED: 11/13/2006 **REVISED:** 10/23/2007 **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			ERICA	CHEAL	ZEAMD	STEME	LAMAM	COIMA
		RATE	UNIT	TM	CON % 06/06/07	CON % 06/06/07	CON % 06/22/07	CON % 06/22/07	CON % 06/22/07	CON % 06/22/07
1A»	BASIS	0.023	LAA	1	86	30	0	99	99	89
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
2A»	BASIS	0.023	LAA	1	89	53	0	99	99	83
	B PRINCEP 4L	0.90	LAA	1						
	C (G)2,4-D-ESTER	0.50	LAA	1						
	D»COC	1.00	PMV	1						
3A»	AUTUMN 10 WDG	0.002	LAA	1	89	30	0	99	99	89
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
4A	PRINCEP 4L	0.90	LAA	1	91	40	0	99	99	88
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»COC	1.00	PMV	1						
5A»	WEATHERMAX 4.5	0.75	LAA	1	85	0	0	99	99	78
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»LIQUID AMS	5.00	PMV	1						
6A	CHECK	0.00	NA	0	0	0	0	0	0	0
7A»	WEATHERMAX 4.5	0.75	LAA	1	95	75	0	99	99	99
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C»KIH-485 60WG	0.19	LAA	1						
	D»LIQUID AMS	5.00	PMV	1						
8A»	WEATHERMAX 4.5	0.75	LAA	1	95	63	0	99	97	94
	B (G)2,4-D-ESTER	0.50	LAA	1						
	C VALOR 51WG	0.057	LAA	1						
	D»LIQUID AMS	5.00	PMV	1						
9A	WEEDMASTER SL	1.00	LAA	1	85	33	0	99	99	90
	B EXPRESS 75WG	0.0047	LAA	1						
	C»LIQUID AMS	2.50	PMV	1						
					LSD (0.05)					
					6.00	12.24	0.00	0.00	1.15	10.38
					STANDARD DEVIATION	2.85	5.77	0.00	0.544	4.90

TITLE: Fall Weed Control Systems in Glyphosate Resistant Corn. C-600W
CREATED: 11/13/2006 **REVISED:** 10/23/2007 **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	TAROF	SENGL	ERICA	CHEAL	ZEAMD	STEME	
		RATE	UNIT		CON % 06/22/07	CON % 06/22/07	CON % 06/22/07	CON % 06/22/07	CON % 07/04/07	CON % 07/04/07	
1A»	BASIS	0.023	LAA	1	85	99	99	79	0	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»COC	1.00	PMV	1							
2A»	BASIS	0.023	LAA	1	88	99	99	89	0	99	
	B PRINCEP 4L	0.90	LAA	1							
	C (G)2,4-D-ESTER	0.50	LAA	1							
	D»COC	1.00	PMV	1							
3A»	AUTUMN 10 WDG	0.002	LAA	1	91	99	99	82	0	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»COC	1.00	PMV	1							
4A	PRINCEP 4L	0.90	LAA	1	90	99	99	86	0	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»COC	1.00	PMV	1							
5A»	WEATHERMAX 4.5	0.75	LAA	1	94	99	99	72	0	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»LIQUID AMS	5.00	PMV	1							
6A	CHECK	0.00	NA	0	0	0	0	0	0	0	
7A»	WEATHERMAX 4.5	0.75	LAA	1	98	99	99	96	0	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C»KIH-485 60WG	0.19	LAA	1							
	D»LIQUID AMS	5.00	PMV	1							
8A»	WEATHERMAX 4.5	0.75	LAA	1	94	99	99	81	0	99	
	B (G)2,4-D-ESTER	0.50	LAA	1							
	C VALOR 51WG	0.057	LAA	1							
	D»LIQUID AMS	5.00	PMV	1							
9A	WEEDMASTER SL	1.00	LAA	1	92	99	99	82	0	99	
	B EXPRESS 75WG	0.0047	LAA	1							
	C»LIQUID AMS	2.50	PMV	1							
					LSD (0.05)	4.40	0.00	0.00	5.37	0.00	0.00
					STANDARD DEVIATION	2.07	0.00	0.00	2.53	0.00	0.00

TITLE: Fall Weed Control Systems in Glyphosate Resistant Corn. C-600W
CREATED: 11/13/2006 **REVISED:** 10/23/2007 **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	TREATMENT	DOSAGE		LAMAM	COIMA	TAROF	SENGL	ERICA	CHEAL
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	07/04/07	07/04/07	07/04/07	07/04/07	07/04/07	07/04/07
1A»	BASIS	0.023	LAA	1	99	87	84	99	73
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
2A»	BASIS	0.023	LAA	1	99	83	89	99	91
	B PRINCEP 4L	0.90	LAA	1					
	C (G)2,4-D-ESTER	0.50	LAA	1					
	D»COC	1.00	PMV	1					
3A»	AUTUMN 10 WDG	0.002	LAA	1	99	91	91	99	89
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
4A	PRINCEP 4L	0.90	LAA	1	99	87	93	99	80
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»COC	1.00	PMV	1					
5A»	WEATHERMAX 4.5	0.75	LAA	1	99	80	91	99	78
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»LIQUID AMS	5.00	PMV	1					
6A	CHECK	0.00	NA	0	0	0	0	0	0
7A»	WEATHERMAX 4.5	0.75	LAA	1	99	98	98	99	98
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C»KIH-485 60WG	0.19	LAA	1					
	D»LIQUID AMS	5.00	PMV	1					
8A»	WEATHERMAX 4.5	0.75	LAA	1	99	98	98	99	97
	B (G)2,4-D-ESTER	0.50	LAA	1					
	C VALOR 51WG	0.057	LAA	1					
	D»LIQUID AMS	5.00	PMV	1					
9A	WEEDMASTER SL	1.00	LAA	1	99	90	92	99	92
	B EXPRESS 75WG	0.0047	LAA	1					
	C»LIQUID AMS	2.50	PMV	1					
		LSL (0.05)			0.00	10.00	4.11	0.00	4.73
		STANDARD DEVIATION			0.00	4.71	1.94	0.00	2.23

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 01 = ----- / FALL APPL'D 11/21/2006(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 %	11/28/2006	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	LAMAM	CON %	11/28/2006	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	COIMA	CON %	11/28/2006	04	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	TAROF	CON %	11/28/2006	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	STEME	CON %	03/27/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	LAMAM	CON %	03/27/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	COIMA	CON %	03/27/2007	04	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	TAROF	CON %	03/27/2007	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SENGL	CON %	03/27/2007	06	P	SENGL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	ERICA	CON %	03/27/2007	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	03/27/2007	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	STEME	CON %	05/06/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	LAMAM	CON %	05/06/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	COIMA	CON %	05/06/2007	04	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	TAROF	CON %	05/06/2007	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SENGL	CON %	05/06/2007	06	P	SENGL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Fall Weed Control Systems in Glyphosate Resistant Corn. C-600W

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
017	ERICA	CON %	05/06/2007	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	05/06/2007	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ZEAMD	CON %	06/06/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	STEME	CON %	06/06/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	LAMAM	CON %	06/06/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	COIMA	CON %	06/06/2007	04	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	TAROF	CON %	06/06/2007	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	SENGL	CON %	06/06/2007	06	P	SENGL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	ERICA	CON %	06/06/2007	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	CHEAL	CON %	06/06/2007	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	ZEAMD	CON %	06/22/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	STEME	CON %	06/22/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	LAMAM	CON %	06/22/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	COIMA	CON %	06/22/2007	04	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	TAROF	CON %	06/22/2007	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	SENGL	CON %	06/22/2007	06	P	SENGL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	ERICA	CON %	06/22/2007	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	CHEAL	CON %	06/22/2007	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	ZEAMD	CON %	07/04/2007	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	STEME	CON %	07/04/2007	02	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	LAMAM	CON %	07/04/2007	03	P	LAMAM		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
038	COIMA	CON %	07/04/2007	04	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
039	TAROF	CON %	07/04/2007	05	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
040	SENGL	CON %	07/04/2007	06	P	SENGL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
041	ERICA	CON %	07/04/2007	07	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
042	CHEAL	CON %	07/04/2007	08	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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

01 = DEKALB 61-69