

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
PH: 6.7  
%OM: 1.5  
PREV. CROP: GLXMA - SOYBEAN  
%RESIDUE:  
PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/05/99	06/03/99	AME
AIR TEMPERATURE	75	80	F
% REL. HUMIDITY	70	70	
WIND DIRECTION	SOUTH	SOUTH	
WIND SPEED	8.0	2.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	WET/MOIST	WET/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
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			
*** CROP ***			
CORN, DENT		---/13	
GARST8600IT		8.00/8.00	IN
05/04/1999			
*** PEST ***			
WATERHEMP, COMMO		---/16	
		2.00/2.00	IN
RAGWEED, COMMON		---/13	
		2.00/3.00	IN
LAMBSQUARTERS, C		---/15	
		1.00/2.00	IN
CRABGRASS, LARGE		---/12	
		1.00/2.00	IN
PANICUM, FALL		---/13	
		1.00/3.00	IN
COCKLEBUR, COMMO		---/14	
		2.00/4.00	IN

\* TIMING CODES

09 = ----- / PRE  
11 = ----- / EPOST

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
13 = 3 LEAVES UNFOLDED  
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

**TITLE:** WATERHEMP/BL CONTROL WITH LIGHTNING SYSTEMS  
**CREATED:** 05/04/1999 **REVISED:** 09/02/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** BROWNSTOWN 800 **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	AMATA	AMBEL	CHEAL	XANST	PANDI
		RATE	UNIT		CON % 06/03/99	CON % 06/03/99	CON % 06/03/99	CON % 06/03/99	CON % 06/03/99	CON % 06/03/99
1A	AXIOM	0.55	LAA	9	0	99	98	99	98	98
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
2A	EPIC	0.27	LAA	9	0	99	99	99	98	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
3A	BALANCE 75WG	0.0467	LAA	9	0	99	99	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
4A	ZA1296 4SC	0.12	LAA	9	0	99	99	99	99	98
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
5A	TOPNOTCH	1.00	LAA	9	0	99	92	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
6A	PROWL 3.3EC	0.62	LAA	9	0	78	47	93	0	78
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
7A	PROWL 3.3EC	0.62	LAA	11	0	0	0	0	0	0
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
8A	LIGHTNING 70DG	0.056	LAA	11	0	0	0	0	0	0
	B»CLARITY	0.188	LAA	11						
	C»ACTIVATE PLUS	0.25	PMV	11						
	D AM. SULFATE	2.50	LAA	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	PROWL 3.3EC	1.24	LAA	11	0	0	0	0	0	0
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
11A	MON 58430 3.8M	1.60	LAA	9	0	99	93	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
12A	AXIOM	0.64	LAA	9	0	98	99	99	98	95
	B»LIBERTY	0.26	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
13A	BALANCE 75WG	0.093	LAA	9	0	98	99	99	99	96
	B»LIBERTY	0.213	LAA	11						
	C AM. SULFATE	2.50	LAA	11						

## TITLE: WATERHEMP/BL CONTROL WITH LIGHTNING SYSTEMS

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMATA	AMBEL	CHEAL	XANST	PANDI
		RATE	UNIT		CON % 06/03/99	CON % 06/03/99	CON % 06/03/99	CON % 06/03/99	CON % 06/03/99	CON % 06/03/99
14A»	BALANCE 75WG	0.07	LAA	9	0	99	99	99	99	96
	B»LIBERTY	0.266	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
15A»	BALANCE 75WG	0.093	LAA	9	0	99	99	99	99	95
	B ATRAZINE DF	1.50	LAA	9						
	C»LIBERTY	0.213	LAA	11						
	D AM. SULFATE	2.50	LAA	11						
16A»	BALANCE 75WG	0.093	LAA	9	0	96	99	99	99	96
	B»LIBERTY	0.266	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
17A»	BALANCE 75WG	0.093	LAA	9	0	99	99	99	99	98
	B ATRAZINE DF	1.50	LAA	11						
	C»LIBERTY	0.213	LAA	11						
	D AM. SULFATE	2.50	LAA	11						
18A»	BALANCE 75WG	0.093	LAA	9	0	99	99	99	99	96
	B ATRAZINE DF	1.50	LAA	9						
	C»LIGHTNING 70DG	0.037	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
19A»	BALANCE 75WG	0.093	LAA	9	0	99	99	99	99	98
	B ATRAZINE DF	1.50	LAA	9						
	C»LIGHTNING 70DG	0.056	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
20A»	BALANCE 75WG	0.093	LAA	9	0	93	99	99	99	98
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»COC	1.00	PMV	11						
	D AM. SULFATE	2.50	LAA	11						
		LSD (0.05)			0.00	6.45	4.08	1.07	1.40	6.14
		STANDARD DEVIATION			0.00	3.19	2.00	0.527	0.691	3.00

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**CREATED:** 05/04/1999 **REVISED:** 09/02/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** BROWNSTOWN 800 **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	DIGIS	ZEAMD	AMATA	AMBEL	CHEAL	XANST
		RATE	UNIT		CON % 06/03/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99
1A	AXIOM	0.55	LAA	9	99	0	96	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
2A	EPIC	0.27	LAA	9	99	0	95	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
3A	BALANCE 75WG	0.0467	LAA	9	99	0	96	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
4A	ZA1296 4SC	0.12	LAA	9	99	0	96	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
5A	TOPNOTCH	1.00	LAA	9	99	0	95	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
6A	PROWL 3.3EC	0.62	LAA	9	99	0	91	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
7A	PROWL 3.3EC	0.62	LAA	11	0	0	82	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
8A	LIGHTNING 70DG	0.056	LAA	11	0	0	83	99	99	99
	B»CLARITY	0.188	LAA	11						
	C»ACTIVATE PLUS	0.25	PMV	11						
	D AM. SULFATE	2.50	LAA	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	PROWL 3.3EC	1.24	LAA	11	0	0	85	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
11A	MON 58430 3.8M	1.60	LAA	9	99	0	99	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
12A	AXIOM	0.64	LAA	9	99	0	90	99	99	99
	B»LIBERTY	0.26	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
13A	BALANCE 75WG	0.093	LAA	9	99	0	90	99	99	99
	B»LIBERTY	0.213	LAA	11						
	C AM. SULFATE	2.50	LAA	11						

## TITLE: WATERHEMP/BL CONTROL WITH LIGHTNING SYSTEMS

TRT NUM	TREATMENT COMPONENT	DOSAGE			DIGIS	ZEAMD	AMATA	AMBEL	CHEAL	XANST
		RATE	UNIT	TM	CON % 06/03/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99
14A»	BALANCE 75WG	0.07	LAA	9	99	0	90	99	99	99
	B»LIBERTY	0.266	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
15A»	BALANCE 75WG	0.093	LAA	9	99	0	88	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»LIBERTY	0.213	LAA	11						
	D AM. SULFATE	2.50	LAA	11						
16A»	BALANCE 75WG	0.093	LAA	9	99	0	88	99	99	99
	B»LIBERTY	0.266	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
17A»	BALANCE 75WG	0.093	LAA	9	99	0	98	99	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C»LIBERTY	0.213	LAA	11						
	D AM. SULFATE	2.50	LAA	11						
18A»	BALANCE 75WG	0.093	LAA	9	99	0	96	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»LIGHTNING 70DG	0.037	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
19A»	BALANCE 75WG	0.093	LAA	9	99	0	95	99	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»LIGHTNING 70DG	0.056	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
20A»	BALANCE 75WG	0.093	LAA	9	99	0	87	99	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»COC	1.00	PMV	11						
	D AM. SULFATE	2.50	LAA	11						
		LSD (0.05)			0.00	0.00	5.00	0.00	0.00	0.00
		STANDARD DEVIATION			0.00	0.00	2.49	0.00	0.00	0.00

**TITLE:** WATERHEMP/BL CONTROL WITH LIGHTNING SYSTEMS  
**CREATED:** 05/04/1999 **REVISED:** 09/02/1999 **COMPLETED:** N  
**PROJECT TYPE:** HERBICIDE  
**LOCATION:** BROWNSTOWN 800 **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	PANDI	DIGIS	ZEAMD	AMATA	AMBEL	CHEAL
		RATE	UNIT		CON % 06/28/99	CON % 06/28/99	CON % 08/05/99	CON % 08/05/99	CON % 08/05/99	CON % 08/05/99
1A	AXIOM	0.55	LAA	9	98	99	0	80	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
2A	EPIC	0.27	LAA	9	97	98	0	83	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
3A	BALANCE 75WG	0.0467	LAA	9	98	98	0	80	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
4A	ZA1296 4SC	0.12	LAA	9	97	96	0	91	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
5A	TOPNOTCH	1.00	LAA	9	95	98	0	83	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
6A	PROWL 3.3EC	0.62	LAA	9	92	96	0	80	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
7A	PROWL 3.3EC	0.62	LAA	11	92	92	0	57	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
8A	LIGHTNING 70DG	0.056	LAA	11	95	90	0	57	99	99
	B»CLARITY	0.188	LAA	11						
	C»ACTIVATE PLUS	0.25	PMV	11						
	D AM. SULFATE	2.50	LAA	11						
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A	PROWL 3.3EC	1.24	LAA	11	95	96	0	50	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
11A	MON 58430 3.8M	1.60	LAA	9	99	99	0	93	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»CLARITY	0.188	LAA	11						
	D»ACTIVATE PLUS	0.25	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
12A	AXIOM	0.64	LAA	9	92	90	0	80	99	99
	B»LIBERTY	0.26	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
13A	BALANCE 75WG	0.093	LAA	9	92	88	0	82	99	99
	B»LIBERTY	0.213	LAA	11						
	C AM. SULFATE	2.50	LAA	11						

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PANDI	DIGIS	ZEAMD	AMATA	AMBEL	CHEAL
		RATE	UNIT		CON % 06/28/99	CON % 06/28/99	CON % 08/05/99	CON % 08/05/99	CON % 08/05/99	CON % 08/05/99
14A»	BALANCE 75WG	0.07	LAA	9	88	83	0	85	99	99
	B»LIBERTY	0.266	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
15A»	BALANCE 75WG	0.093	LAA	9	90	87	0	78	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»LIBERTY	0.213	LAA	11						
	D AM. SULFATE	2.50	LAA	11						
16A»	BALANCE 75WG	0.093	LAA	9	90	88	0	87	99	99
	B»LIBERTY	0.266	LAA	11						
	C AM. SULFATE	2.50	LAA	11						
17A»	BALANCE 75WG	0.093	LAA	9	95	95	0	92	99	99
	B ATRAZINE DF	1.50	LAA	11						
	C»LIBERTY	0.213	LAA	11						
	D AM. SULFATE	2.50	LAA	11						
18A»	BALANCE 75WG	0.093	LAA	9	96	96	0	83	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»LIGHTNING 70DG	0.037	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
19A»	BALANCE 75WG	0.093	LAA	9	97	98	0	83	99	99
	B ATRAZINE DF	1.50	LAA	9						
	C»LIGHTNING 70DG	0.056	LAA	11						
	D»COC	1.00	PMV	11						
	E AM. SULFATE	2.50	LAA	11						
20A»	BALANCE 75WG	0.093	LAA	9	93	95	0	75	99	99
	B»LIGHTNING 70DG	0.056	LAA	11						
	C»COC	1.00	PMV	11						
	D AM. SULFATE	2.50	LAA	11						
		LSD (0.05)			2.87	5.85	0.00	13.07	0.00	0.00
		STANDARD DEVIATION			1.42	2.90	0.00	6.47	0.00	0.00

**TITLE:** WATERHEMP/BL CONTROL WITH LIGHTNING SYSTEMS  
**CREATED:** 05/04/1999 **REVISED:** 09/02/1999 **COMPLETED:** N  
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**LOCATION:** BROWNSTOWN 800 **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	XANST	PANDI	DIGIS
		RATE	UNIT		CON % 08/05/99	CON % 08/05/99	CON % 08/05/99
1A	AXIOM	0.55	LAA	9	99	88	90
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
2A	EPIC	0.27	LAA	9	99	90	90
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
3A	BALANCE 75WG	0.0467	LAA	9	99	88	85
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
4A	ZA1296 4SC	0.12	LAA	9	99	88	87
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
5A	TOPNOTCH	1.00	LAA	9	99	85	88
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
6A	PROWL 3.3EC	0.62	LAA	9	99	85	90
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
7A	PROWL 3.3EC	0.62	LAA	11	99	83	90
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
8A	LIGHTNING 70DG	0.056	LAA	11	99	88	83
	B»CLARITY	0.188	LAA	11			
	C»ACTIVATE PLUS	0.25	PMV	11			
	D AM. SULFATE	2.50	LAA	11			
9A	CHECK	0.00	NA	0	0	0	0
10A	PROWL 3.3EC	1.24	LAA	11	99	87	88
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
11A	MON 58430 3.8M	1.60	LAA	9	99	88	92
	B»LIGHTNING 70DG	0.056	LAA	11			
	C»CLARITY	0.188	LAA	11			
	D»ACTIVATE PLUS	0.25	PMV	11			
	E AM. SULFATE	2.50	LAA	11			
12A	AXIOM	0.64	LAA	9	99	73	75
	B»LIBERTY	0.26	LAA	11			
	C AM. SULFATE	2.50	LAA	11			
13A	BALANCE 75WG	0.093	LAA	9	99	60	77
	B»LIBERTY	0.213	LAA	11			
	C AM. SULFATE	2.50	LAA	11			



TITLE: WATERHEMP/BL CONTROL WITH LIGHTNING SYSTEMS

TRT	TREATMENT	DOSAGE		XANST	PANDI	DIGIS
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %
			TM	08/05/99	08/05/99	08/05/99
14A»	BALANCE 75WG	0.07	LAA 9	99	60	91
	B»LIBERTY	0.266	LAA 11			
	C AM. SULFATE	2.50	LAA 11			
15A»	BALANCE 75WG	0.093	LAA 9	99	57	78
	B ATRAZINE DF	1.50	LAA 9			
	C»LIBERTY	0.213	LAA 11			
	D AM. SULFATE	2.50	LAA 11			
16A»	BALANCE 75WG	0.093	LAA 9	99	57	78
	B»LIBERTY	0.266	LAA 11			
	C AM. SULFATE	2.50	LAA 11			
17A»	BALANCE 75WG	0.093	LAA 9	99	80	93
	B ATRAZINE DF	1.50	LAA 11			
	C»LIBERTY	0.213	LAA 11			
	D AM. SULFATE	2.50	LAA 11			
18A»	BALANCE 75WG	0.093	LAA 9	99	87	88
	B ATRAZINE DF	1.50	LAA 9			
	C»LIGHTNING 70DG	0.037	LAA 11			
	D»COC	1.00	PMV 11			
	E AM. SULFATE	2.50	LAA 11			
19A»	BALANCE 75WG	0.093	LAA 9	99	88	90
	B ATRAZINE DF	1.50	LAA 9			
	C»LIGHTNING 70DG	0.056	LAA 11			
	D»COC	1.00	PMV 11			
	E AM. SULFATE	2.50	LAA 11			
20A»	BALANCE 75WG	0.093	LAA 9	99	85	88
	B»LIGHTNING 70DG	0.056	LAA 11			
	C»COC	1.00	PMV 11			
	D AM. SULFATE	2.50	LAA 11			
		LSD (0.05)		0.00	10.80	13.58
		STANDARD DEVIATION		0.00	5.35	6.72

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

00 = ----- / UNTREATED TIMING  
 09 = ----- / PRE 05/05/1999(1)  
 11 = ----- / EPOST 06/03/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
001	ZEAMD	CON %	06/03/1999	01	P	ZEAMD	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/03/1999	02	P	AMATA	16	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	AMBEL	CON %	06/03/1999	03	P	AMBEL	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	06/03/1999	04	P	CHEAL	15	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	06/03/1999	05	P	XANST	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PANDI	CON %	06/03/1999	06	P	PANDI	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	DIGIS	CON %	06/03/1999	07	P	DIGSA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	ZEAMD	CON %	06/28/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	06/28/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMBEL	CON %	06/28/1999	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/28/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	XANST	CON %	06/28/1999	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	PANDI	CON %	06/28/1999	06	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	DIGIS	CON %	06/28/1999	07	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	ZEAMD	CON %	08/05/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	AMATA	CON %	08/05/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMBEL	CON %	08/05/1999	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	CON %	08/05/1999	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	XANST	CON %	08/05/1999	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PANDI	CON %	08/05/1999	06	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	DIGIS	CON %	08/05/1999	07	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT

## \* STAGE CODE

12	=	2	LEAVES	UNFOLDED				
13	=	3	LEAVES	UNFOLDED				
14	=	4TH	TRUE	LEAVES/LEAF	PAIRS/WHORLS	UNFOLDED		
15	=	5TH	TRUE	LEAVES/LEAF	PAIRS/WHORLS	UNFOLDED		
16	=	6TH	TRUE	LEAVES/LEAF	PAIRS/WHORLS	UNFOLDED		