

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: S
PH: 6.5
%OM: 0.4
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE:
PLOT WIDTH: 7.5 X 35 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/29/99	06/04/99	AME
AIR TEMPERATURE	64	85	F
% REL. HUMIDITY	73	70	
WIND DIRECTION	NORTHEAST	SOUTHWEST	
WIND SPEED	4.0	4.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	DRY/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	32.00	32.00	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		6.00/10.0	IN
04/28/1999			
*** PEST ***			
RAGWEED, COMMON		---/13	
		1.00/3.00	IN
SANDBUR, FIELD		---/14	
		2.00/2.00	IN
CRABGRASS, SMOOT		---/12	
		1.00/2.00	IN

* TIMING CODES

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

* STAGE CODE

12 = 2 LEAVES UNFOLDED
13 = 3 LEAVES UNFOLDED
14 = 4 LEAVES UNFOLDED

TITLE: CRABGRASS CONTROL WITH LIGHTNING SYSTEMS
CREATED: 04/29/1999 **REVISED:** 09/08/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: SAND FARM **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	ZEAMD	CCHPA	DIGIS	AMBEL	ZEAMD	CCHPA
	RATE	UNIT		CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 06/17/99	CON % 07/19/99	CON % 07/19/99
1A»AXIOM	0.55	LAA	9	0	93	99	96	0	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	0	98	99	99	0	96
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	92	99	99	0	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						
4A»ZA1296 4SC	0.12	LAA	9	0	93	99	99	0	80
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	93	99	93	0	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	0	96	99	93	0	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						
7A PROWL 3.3EC	0.62	LAA	11	0	92	92	90	0	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						
8A»LIGHTNING 70DG	0.056	LAA	11	0	90	90	90	0	88
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
		LSD (0.05)		0.00	4.00	1.67	3.87	0.00	9.37
		STANDARD DEVIATION		0.00	1.87	0.786	1.83	0.00	4.42

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 35.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	DIGIS	AMBEL
	RATE	UNIT		CON % 07/19/99	CON % 07/19/99
1A>>AXIOM	0.55	LAA	9	92	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	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	93	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	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		
5A>>TOPNOTCH	1.00	LAA	9	90	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	87	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	63	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	63	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
	LSLSD (0.05)			11.00	0.00
	STANDARD DEVIATION			5.19	0.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
09 = ----- / PRE 04/29/1999(1)
11 = ----- / EPOST 06/04/1999(2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRTR	SS	NOTE
001	ZEAMD	CON %	06/17/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CCHPA	CON %	06/17/1999	02	P	CCHIN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	DIGIS	CON %	06/17/1999	03	P	DIGIS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL	CON %	06/17/1999	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/19/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
006	CCHPA	CON %	07/19/1999	02	P	CCHIN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	DIGIS	CON %	07/19/1999	03	P	DIGIS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMBEL	CON %	07/19/1999	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT