

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.3
 %OM: 2.4
 PREV. CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/14/99	06/06/88	AME
AIR TEMPERATURE	64	90	F
% REL. HUMIDITY	60	60	
WIND DIRECTION	---	---	
WIND SPEED	0.0	0.0	M/H
CLOUD COVER	CLOUDY	PARTCLDY	
DEW	---	NO	
SOIL MOISTURE	WET/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	
PROPELLANT	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	
NOZZLE SPACING	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	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			

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

TITLE: CAMCYWH LIGHTNING MIXES FOR WH CONTROL IN I.T. CORN ALTAMONT
CREATED: 05/02/1999 **REVISED:** 09/01/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: ALTAMONT **RESEARCHED BY:** UNIV. OF IL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
		RATE	UNIT		CON % 06/16/99	CON % 06/16/99	CON % 06/25/99	CON % 06/25/99	CON % 07/21/99	CON % 07/21/99
1A	BALANCE 75WG	0.047	LAA	9	0	86	0	75	0	82
	B»LIGHTNING 70DG	0.056	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
2A	LIGHTNING 70DG	0.056	LAA	12	0	98	0	96	0	90
	B ATRAZINE DF	1.00	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
3A	LIGHTNING 70DG	0.056	LAA	12	1	60	0	67	0	80
	B CLARITY	0.188	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	1.25	PMV	12						
4A	LIGHTNING 70DG	0.056	LAA	12	10	96	4	98	0	96
	B»AIM 40 DF	0.008	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
5A	LIGHTNING 70DG	0.056	LAA	12	10	98	2	96	0	99
	B»AIM 40 DF	0.008	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»ACTIVATE PLUS	0.25	PMV	12						
	E 28% UAN	2.50	PMV	12						
6A	LIGHTNING 70DG	0.056	LAA	12	1	95	0	90	0	90
	B MARKSMAN SC	0.60	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
7A	LIGHTNING 70DG	0.056	LAA	12	2	95	0	93	0	99
	B»DISTINCT 70WG	0.131	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
8A	LIGHTNING 70DG	0.056	LAA	12	2	93	0	96	0	98
	B»DISTINCT 70WG	0.263	LAA	12						
	C»ACTIVATE PLUS	0.25	PMV	12						
	D 28% UAN	2.50	PMV	12						
9A	LIGHTNING 70DG	0.056	LAA	12	1	99	0	99	0	99
	B»DISTINCT 70WG	0.131	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»ACTIVATE PLUS	0.25	PMV	12						
	E 28% UAN	2.50	PMV	12						
10A	LIGHTNING 70DG	0.056	LAA	12	0	30	0	23	0	53
	B»ACTIVATE PLUS	0.25	PMV	12						
	C 28% UAN	2.50	PMV	12						
11A	LIGHTNING 70DG	0.056	LAA	12	0	99	0	99	0	99
	B PROWL 3.3EC	1.24	LAA	12						
	C ATRAZINE DF	1.00	LAA	12						
	D»ACTIVATE PLUS	0.25	PMV	12						
	E 28% UAN	2.50	PMV	12						
12A	BASIS GOLD 90D	0.783	LAA	12	6	98	0	99	0	99
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
13A	LIGHTNING 70DG	0.056	LAA	12	0	88	0	93	0	99
	B CLARITY	0.188	LAA	12						
	C PROWL 3.3EC	0.619	LAA	12						
	D»ACTIVATE PLUS	0.25	PMV	12						
	E 28% UAN	2.50	PMV	12						

TITLE: CAMCYWH LIGHTNING MIXES FOR WH CONTROL IN I.T. CORN ALTAMONT

TRT NUM	TREATMENT COMPONENT	DOSAGE		ZEAMD	AMATA	ZEAMD	AMATA	ZEAMD	AMATA
		RATE	UNIT	CON % 06/16/99	CON % 06/16/99	CON % 06/25/99	CON % 06/25/99	CON % 07/21/99	CON % 07/21/99
14A	»LIGHTNING 70DG	0.056	LAA 12	0	77	0	83	0	98
	B CLARITY	0.188	LAA 12						
	C PROWL 3.3EC	1.24	LAA 12						
	D»ACTIVATE PLUS	0.25	PMV 12						
	E 28% UAN	2.50	PMV 12						
15A	CHECK	0.00	NA 0	0	0	0	0	0	0
16A	»DUAL II MAGNUM	1.59	LAA 9	1	99	0	99	0	99
	B MARKSMAN SC	1.40	LAA 12						
	C 28% UAN	2.50	PMV 12						
		LSD (0.05)		1.91	7.00	0.854	8.14	0.00	8.47
		STANDARD DEVIATION		0.933	3.41	0.418	4.00	0.00	4.15

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/14/1999(1)
 12 = ----- / POST 06/06/1988(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	ZEAMD	CON %	06/16/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/16/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	ZEAMD	CON %	06/25/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	06/25/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	ZEAMD	CON %	07/21/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	07/21/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT