

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.7
%OM: 1.5
PREV. CROP: GLXMA - SOYBEAN
%RESIDUE: 0
PLOT WIDTH: 7.5 X 33 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	02	03	UNIT
TIMINGS	09	10	11	
TYPE	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	05/30/03	06/19/03	06/27/03	AME
AIR TEMPERATURE	67	70	74	F
% REL. HUMIDITY	70	72	80	
WIND DIRECTION	SOUTH	NORTH	SOUTH	
WIND SPEED	8.0	9.0	5.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	CLEAR	
DEW	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	---	
METHOD	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPTMRO	SPRBAC	SPRBAC	
PROPELLANT	PUMP	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	0	5	5	
NOZZLE SPACING	0.000	18.000	18.000	IN
SWATH WIDTH	0.0	7.5	7.5	FT
SPRAY VOLUME	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	
PRESSURE	300.00	30.00	30.00	PSI
DILUENT	WATER	WATER	WATER	
INC. DATE				AME
INC. START				24H
INC. END				24H
INC. DEPTH				IN
INC. EQUIPMENT	---	---	---	
DEN/ STG/ MINMAXSZ				
*** CROP ***				
CORN, DENT		---/12	---/14	
GARST 8481		4.00/4.00	10.0/10.0	IN
05/28/2003				
*** PEST ***				
WATERHEMP, COMMO		---/13	---/15	
		1.00/1.00	1.00/3.00	IN
LAMBSQUARTERS, C		---/15	---/19	
		1.00/1.00	1.00/3.00	IN
PANICUM, FALL		---/11	---/12	
		1.00/2.00	1.00/3.00	IN
SMARTWEED, PENNS		---/14	---/19	
		2.00/4.00	4.00/8.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
10 = ----- / VEPOST
11 = ----- / EPOST

* STAGE CODE

11 = FIRST LEAF UNFOLDED
12 = 2 LEAVES UNFOLDED
13 = 3RD TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
15 = 5TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: Weed Control Systems in Clearfield Corn BT 800
CREATED: 05/28/2003 **REVISED:** 12/15/2003 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BTOWN 800 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	ZEAMD	PANDI	POLPY	AMATA	CHEAL	ZEAMD
	RATE	UNIT		CON % 07/10/03	CON % 07/10/03	CON % 07/10/03	CON % 07/10/03	CON % 07/10/03	CON % 07/29/03
1A»GUARDS MAX 5L	1.25	LAA	9	0	96	98	99	99	0
B»LIGHTNING 70DG	0.056	LAA	11						
C»DISTINCT 70WG	0.175	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»LIQUID AMS	2.50	PMV	11						
2A»LIGHTNING 70DG	0.056	LAA	10	0	83	98	98	99	0
B MARKSMAN SC	1.00	LAA	10						
C»ACTIVATOR 90	0.25	PMV	10						
D»LIQUID AMS	2.50	PMV	10						
3A»LIGHTNING 70DG	0.056	LAA	11	0	92	93	96	98	0
B»DISTINCT 70WG	0.175	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
4A»LIGHTNING 70DG	0.056	LAA	11	0	90	92	94	96	0
B»CALLISTO 4SC	0.094	LAA	11						
C»ACTIVATOR 90	0.25	PMV	11						
D»LIQUID AMS	2.50	PMV	11						
5A»LIGHTNING 70DG	0.056	LAA	11	0	90	95	94	98	0
B»CALLISTO 4SC	0.047	LAA	11						
C ATRAZINE DF	0.25	LAA	11						
D»COC	1.00	PMV	11						
E»LIQUID AMS	2.50	PMV	11						
6A»LIGHTNING 70DG	0.056	LAA	11	0	93	90	88	96	0
B»DISTINCT 70WG	0.088	LAA	11						
C ATRAZINE DF	0.25	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»LIQUID AMS	2.50	PMV	11						
7A ATRAZINE DF	1.50	LAA	9	0	99	99	99	99	0
B»LIGHTNING 70DG	0.056	LAA	10						
C MARKSMAN SC	1.00	LAA	10						
D»ACTIVATOR 90	0.25	PMV	10						
E»LIQUID AMS	2.50	PMV	10						
8A ATRAZINE DF	1.50	LAA	9	0	96	99	99	99	0
B»LIGHTNING 70DG	0.056	LAA	11						
C»DISTINCT 70WG	0.175	LAA	11						
D»ACTIVATOR 90	0.25	PMV	11						
E»LIQUID AMS	2.50	PMV	11						
	LSD (0.05)			0.00	4.54	4.00	4.86	3.40	0.00
	STANDARD DEVIATION			0.00	2.12	1.84	2.27	1.59	0.00

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PROJECT TYPE: HERBICIDE
LOCATION: BTOWN 800 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 33.00 FT LONG **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	PANDI CON % 07/29/03	POLPY CON % 07/29/03	AMATA CON % 07/29/03	CHEAL CON % 07/29/03
1A»GUARDS MAX 5L	1.25 LAA 9	95	98	98	99
B»LIGHTNING 70DG	0.056 LAA 11				
C»DISTINCT 70WG	0.175 LAA 11				
D»ACTIVATOR 90	0.25 PMV 11				
E»LIQUID AMS	2.50 PMV 11				
2A»LIGHTNING 70DG	0.056 LAA 10	90	98	98	99
B MARKSMAN SC	1.00 LAA 10				
C»ACTIVATOR 90	0.25 PMV 10				
D»LIQUID AMS	2.50 PMV 10				
3A»LIGHTNING 70DG	0.056 LAA 11	95	96	95	98
B»DISTINCT 70WG	0.175 LAA 11				
C»ACTIVATOR 90	0.25 PMV 11				
D»LIQUID AMS	2.50 PMV 11				
4A»LIGHTNING 70DG	0.056 LAA 11	92	90	95	98
B»CALLISTO 4SC	0.094 LAA 11				
C»ACTIVATOR 90	0.25 PMV 11				
D»LIQUID AMS	2.50 PMV 11				
5A»LIGHTNING 70DG	0.056 LAA 11	93	95	95	98
B»CALLISTO 4SC	0.047 LAA 11				
C ATRAZINE DF	0.25 LAA 11				
D»COC	1.00 PMV 11				
E»LIQUID AMS	2.50 PMV 11				
6A»LIGHTNING 70DG	0.056 LAA 11	95	90	93	96
B»DISTINCT 70WG	0.088 LAA 11				
C ATRAZINE DF	0.25 LAA 11				
D»ACTIVATOR 90	0.25 PMV 11				
E»LIQUID AMS	2.50 PMV 11				
7A ATRAZINE DF	1.50 LAA 9	98	99	98	99
B»LIGHTNING 70DG	0.056 LAA 10				
C MARKSMAN SC	1.00 LAA 10				
D»ACTIVATOR 90	0.25 PMV 10				
E»LIQUID AMS	2.50 PMV 10				
8A ATRAZINE DF	1.50 LAA 9	97	99	98	99
B»LIGHTNING 70DG	0.056 LAA 11				
C»DISTINCT 70WG	0.175 LAA 11				
D»ACTIVATOR 90	0.25 PMV 11				
E»LIQUID AMS	2.50 PMV 11				
	LSL (0.05)	3.68	4.93	4.00	3.24
	STANDARD DEVIATION	1.71	2.30	1.88	1.51

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 05/30/2003(1)
 10 = ----- / VEPOST 06/19/2003(2)
 11 = ----- / EPOST 06/27/2003(3)

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 %	07/10/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	PANDI	CON %	07/10/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	POLPY	CON %	07/10/2003	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/10/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	CHEAL	CON %	07/10/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	ZEAMD	CON %	07/29/2003	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	PANDI	CON %	07/29/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	POLPY	CON %	07/29/2003	03	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMATA	CON %	07/29/2003	04	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

TITLE: Weed Control Systems in Clearfield Corn BT 800

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
010	CHEAL	CON %	07/29/2003	05	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST 8481