

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE:
 PLOT WIDTH: 7.5 X 40 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	11	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/15/99	06/11/99	AME
AIR TEMPERATURE	82	85	F
% REL.HUMIDITY	52	70	
WIND DIRECTION	SOUTHEAST	---	
WIND SPEED	3.0	0.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	NO	NO	
SOIL MOISTURE	MOIST/MOI	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	42.00	42.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT			
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/15	
GARST8600IT		12.0/12.0	IN
05/12/1999			
*** PEST ***			
WATERHEMP, COMMO		---/19	
		4.00/6.00	IN
LAMBSQUARTERS, C		---/16	
		1.00/1.00	IN
MORNINGGLORY, IV		---/14	
		2.00/3.00	IN
PANICUM, FALL		---/13	
		2.00/4.00	IN
COCKLEBUR, COMMO		---/12	
		1.00/2.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 11 = ----- / EPOST

* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 13 = 3 LEAVES UNFOLDED
 14 = 4TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 15 = 5 LEAVES UNFOLDED
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT LLCORN WEED CONTROL 600-700
CREATED: 05/14/1999 **REVISED:** 09/02/1999 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: BTOWN 600-700 **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 40.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	AMATA	CHEAL	IPOHE	XANST	PANDI
		RATE	UNIT		CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99	CON % 06/28/99
1A	ATRAZINE DF	1.12	LAA	9	0	98	98	91	94	92
	B»LIBERTY	0.27	LAA	11						
	C ATRAZINE DF	0.67	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
2A»	BALANCE 75WG	0.071	LAA	9	0	99	98	95	96	98
	B»LIBERTY	0.27	LAA	11						
	C ATRAZINE DF	0.67	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
3A»	AXIOM	0.51	LAA	9	0	99	99	98	99	99
	B»LIBERTY	0.27	LAA	11						
	C ATRAZINE DF	0.67	LAA	11						
	D AM. SULFATE	17.00	PMG	11						
4A»	LIBERTY ATZ 4.	1.34	LAA	11	0	90	99	93	99	87
	B AM. SULFATE	17.00	PMG	11						
5A	CHECK	0.00	NA	0	0	0	0	0	0	0
6A»	LEADOFF 5SE	0.94	LAA	9	0	98	99	99	98	99
	B»BASIS GOLD 90D	0.78	LAA	11						
	C»COC	1.00	PMV	11						
	D 28% UAN	2.50	PMV	11						
7A»	BICEP II MAGNU	1.44	LAA	9	0	99	99	90	99	95
	B»BALANCE 75WG	0.094	LAA	9						
	C ATRAZINE DF	0.45	LAA	9						
8A»	GLUFOS/ATR B79	1.34	LAA	11	0	95	99	98	99	88
	B AM. SULFATE	17.00	PMG	11						
9A»	AXIOM	0.64	LAA	9	0	93	98	93	96	94
	B»LIBERTY	0.21	LAA	11						
	C AM. SULFATE	17.00	PMG	11						
10A»	DUAL II MAGNUM	1.60	LAA	9	0	99	99	98	99	98
	B MARKSMAN SC	1.40	LAA	11						
	C 28% UAN	2.50	PMV	11						
		LSD (0.05)			0.00	4.53	2.17	3.91	3.38	5.67
		STANDARD DEVIATION			0.00	2.16	1.00	1.86	1.61	2.70

TITLE: BT LLCORN WEED CONTROL 600-700
 CREATED: 05/14/1999 REVISED: 09/02/1999 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: BTOWN 600-700 RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 40.00 FT LONG REPS: 03

TRT TREATMENT	DOSAGE	ZEAMD	AMATA	CHEAL	IPOHE	XANST	PANDI
NUM COMPONENT	RATE UNIT	CON %	CON %	CON %	CON %	CON %	CON %
		08/05/99	08/05/99	08/05/99	08/05/99	08/05/99	08/05/99
1A ATRAZINE DF	1.12 LAA 9	0	88	96	90	93	82
B»LIBERTY	0.27 LAA 11						
C ATRAZINE DF	0.67 LAA 11						
D AM. SULFATE	17.00 PMG 11						
2A»BALANCE 75WG	0.071 LAA 9	0	91	99	87	96	85
B»LIBERTY	0.27 LAA 11						
C ATRAZINE DF	0.67 LAA 11						
D AM. SULFATE	17.00 PMG 11						
3A»AXIOM	0.51 LAA 9	0	96	96	92	98	87
B»LIBERTY	0.27 LAA 11						
C ATRAZINE DF	0.67 LAA 11						
D AM. SULFATE	17.00 PMG 11						
4A»LIBERTY ATZ 4.	1.34 LAA 11	0	86	98	92	95	82
B AM. SULFATE	17.00 PMG 11						
5A CHECK	0.00 NA 0	0	0	0	0	0	0
6A»LEADOFF 5SE	0.94 LAA 9	0	91	98	95	94	91
B»BASIS GOLD 90D	0.78 LAA 11						
C»COC	1.00 PMV 11						
D 28% UAN	2.50 PMV 11						
7A»BICEP II MAGNU	1.44 LAA 9	0	87	96	92	96	88
B»BALANCE 75WG	0.094 LAA 9						
C ATRAZINE DF	0.45 LAA 9						
8A»GLUFOS/ATR B79	1.34 LAA 11	0	86	96	96	96	83
B AM. SULFATE	17.00 PMG 11						
9A»AXIOM	0.64 LAA 9	0	88	93	83	96	82
B»LIBERTY	0.21 LAA 11						
C AM. SULFATE	17.00 PMG 11						
10A»DUAL II MAGNUM	1.60 LAA 9	0	98	96	93	95	88
B MARKSMAN SC	1.40 LAA 11						
C 28% UAN	2.50 PMV 11						
	LSL (0.05)	0.00	14.33	6.00	7.72	7.10	6.44
	STANDARD DEVIATION	0.00	6.82	2.85	3.67	3.38	3.07

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/15/1999(1)
 11 = ----- / EPOST 06/11/1999(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 %	06/28/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/28/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	06/28/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	IPOHE	CON %	06/28/1999	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	XANST	CON %	06/28/1999	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	PANDI	CON %	06/28/1999	06	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ZEAMD	CON %	08/05/1999	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	AMATA	CON %	08/05/1999	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	CHEAL	CON %	08/05/1999	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	IPOHE	CON %	08/05/1999	04	P	IPOHE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	XANST	CON %	08/05/1999	05	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	PANDI	CON %	08/05/1999	06	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT