

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.7  
 %OM: 1.5  
 PREV.CROP: GLXMA - SOYBEAN  
 %RESIDUE: 0  
 PLOT WIDTH: 7.5 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/11/01	06/14/01	AME
AIR TEMPERATURE	76	83	F
% REL.HUMIDITY	78	88	
WIND DIRECTION	WEST	SOUTH	
WIND SPEED	9.0	10.0	M/H
CLOUD COVER	PARTCLDY	CLOUDY	
DEW	---	DRY	
SOIL MOISTURE	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	---	---	
METHOD	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	
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		---/15	
PIONEER 33P66		8.00/8.00	IN
05/10/2001			
*** PEST ***			
WATERHEMP, COMMO		---/19	
		2.00/16.0	IN
RAGWEED, COMMON		---/16	
		4.00/6.00	IN
LAMBSQUARTERS, C		---/19	
		8.00/10.0	IN
CRABGRASS, LARGE		---/12	
		1.00/3.00	IN

\* TIMING CODES

09 = ----- / PRE  
 12 = ----- / POST

\* STAGE CODE

12 = 2 LEAVES UNFOLDED  
 15 = 5 LEAVES UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

## DATA MEAN

TITLE: BT WATERHEMP AND CRABGRASS  
 CREATED: 05/11/2001 REVISED: 02/01/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: BT 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			ZEAMD	DIGSA	AMBEL	CHEAL	AMATA	ZEAMD
		RATE	UNIT	TM	CON % 05/25/01	CON % 05/25/01	CON % 05/25/01	CON % 05/25/01	CON % 05/25/01	CON % 07/02/01
1A	»EPIC 58DF	10.00	OMA	9	0	99	99	98	99	0
2A	»USA 2001 71.5W	10.00	OMA	9	0	98	99	93	99	0
3A	»USA 2001 71.5W	13.00	OMA	9	3	99	99	90	99	5
4A	»USA 2001 71.5W	16.00	OMA	9	0	99	98	98	99	1
5A	»USA 2001 71.5W	19.00	OMA	9	0	99	99	99	99	7
6A	»USA 2001 71.5W	10.00	OMA	9	0	99	99	99	99	8
	B AATREX 9-O	1.25	LAA	9						
7A	»USA 2001 71.5W	13.00	OMA	9	2	99	99	99	99	12
	B AATREX 9-O	1.25	LAA	9						
8A	»USA 2001 71.5W	16.00	OMA	9	0	99	99	99	99	8
	B AATREX 9-O	1.25	LAA	9						
9A	»USA 2001 71.5W	19.00	OMA	9	0	99	99	99	99	20
	B AATREX 9-O	1.25	LAA	9						
10A	»BICEP II MAGNU	2.20	LAA	9	3	99	99	98	99	0
11A	CHECK	0.00	NA	9	0	0	0	0	0	0
12A	»CALLISTO 4SC	0.188	LAA	9	2	99	99	91	99	0
13A	PROWL 3.3EC	0.875	LAA	9	0	99	93	95	99	0
	B PRINCEP 4L	1.00	LAA	9						
14A	»BALANCE 75WG	0.031	LAA	9	0	99	99	95	99	0
	B PRINCEP LIQUID	1.00	LAA	9						
15A	»BALANCE PRO 4S	0.047	LAA	9	3	99	99	73	99	0
16A	»CALLISTO 4SC	0.094	LAA	12	0	0	0	0	0	0
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
17A	»CALLISTO 4SC	0.094	LAA	12	0	0	0	0	0	0
	B ATRAZINE DF	0.25	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
18A	»CALLISTO 4SC	0.094	LAA	12	0	0	0	0	0	0
	B ATRAZINE DF	0.25	LAA	12						
	C ACCENT 75WG	0.0313	LAA	12						
	D»COC	1.00	PMV	12						
	E 28% UAN	2.50	PMV	12						
19A	ACCENT 75WG	0.0313	LAA	12	0	0	0	0	0	0
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
20A	»BASIS GOLD 90D	0.79	LAA	12	0	0	0	0	0	0
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
21A	»CALLISTO 4SC	0.094	LAA	12	0	0	0	0	0	0
	B»COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
	D»DUAL II MAGNUM	0.95	LAA	9						
22A	»CALLISTO 4SC	0.094	LAA	12	0	99	99	58	99	0
	B ATRAZINE DF	0.25	LAA	12						
	C»COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
	E»DUAL II MAGNUM	0.95	LAA	9						

## DATA MEAN

TITLE: BT WATERHEMP AND CRABGRASS

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ZEAMD	DIGSA	AMBEL	CHEAL	AMATA	ZEAMD
		RATE	UNIT		CON % 05/25/01	CON % 05/25/01	CON % 05/25/01	CON % 05/25/01	CON % 05/25/01	CON % 07/02/01
23A»	BALANCE PRO 4S	0.07	LAA	9	0	99	99	58	99	0
24A»	EPIC 58DF	15.00	OMA	9	0	99	99	98	99	7
25A»	FULTIME 4SC	2.75	LAA	9	0	99	99	95	99	2
26A»	FULTIME 4SC	1.90	LAA	9	0	99	99	99	99	0
	B»FULTIME 4SC	0.85	LAA	12						
	C»COC	1.25	PMV	12						
		LSD (0.05)			2.50	0.74	3.60	10.28	0.00	6.11
		STANDARD DEVIATION			1.25	0.37	1.80	5.14	0.00	3.06

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TITLE: BT WATERHEMP AND CRABGRASS  
 CREATED: 05/11/2001 REVISED: 02/01/2002 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: BT 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			AMATA	CHEAL	AMBEL	DIGSA
		RATE	UNIT	TM	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01
1A	»EPIC 58DF	10.00	OMA	9	90	96	99	88
2A	»USA 2001 71.5W	10.00	OMA	9	94	96	98	93
3A	»USA 2001 71.5W	13.00	OMA	9	96	91	98	95
4A	»USA 2001 71.5W	16.00	OMA	9	96	98	99	98
5A	»USA 2001 71.5W	19.00	OMA	9	99	99	99	99
6A	»USA 2001 71.5W	10.00	OMA	9	97	99	99	99
	B AATREX 9-O	1.25	LAA	9				
7A	»USA 2001 71.5W	13.00	OMA	9	98	99	99	99
	B AATREX 9-O	1.25	LAA	9				
8A	»USA 2001 71.5W	16.00	OMA	9	99	99	99	99
	B AATREX 9-O	1.25	LAA	9				
9A	»USA 2001 71.5W	19.00	OMA	9	99	99	99	99
	B AATREX 9-O	1.25	LAA	9				
10A	»BICEP II MAGNU	2.20	LAA	9	99	99	99	95
11A	CHECK	0.00	NA	9	0	0	0	0
12A	»CALLISTO 4SC	0.188	LAA	9	99	99	99	87
13A	PROWL 3.3EC	0.875	LAA	9	73	98	99	98
	B PRINCEP 4L	1.00	LAA	9				
14A	»BALANCE 75WG	0.031	LAA	9	73	99	99	98
	B PRINCEP LIQUID	1.00	LAA	9				
15A	»BALANCE PRO 4S	0.047	LAA	9	67	83	99	89
16A	»CALLISTO 4SC	0.094	LAA	12	93	93	98	91
	B»COC	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
17A	»CALLISTO 4SC	0.094	LAA	12	93	95	99	95
	B ATRAZINE DF	0.25	LAA	12				
	C»COC	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
18A	»CALLISTO 4SC	0.094	LAA	12	96	98	99	99
	B ATRAZINE DF	0.25	LAA	12				
	C ACCENT 75WG	0.0313	LAA	12				
	D»COC	1.00	PMV	12				
	E 28% UAN	2.50	PMV	12				
19A	ACCENT 75WG	0.0313	LAA	12	0	0	0	96
	B»COC	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
20A	»BASIS GOLD 90D	0.79	LAA	12	75	99	99	99
	B»COC	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
21A	»CALLISTO 4SC	0.094	LAA	12	99	97	99	98
	B»COC	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
	D»DUAL II MAGNUM	0.95	LAA	9				
22A	»CALLISTO 4SC	0.094	LAA	12	98	95	99	99
	B ATRAZINE DF	0.25	LAA	12				
	C»COC	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
	E»DUAL II MAGNUM	0.95	LAA	9				

## DATA MEAN

TITLE: BT WATERHEMP AND CRABGRASS

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	CHEAL	AMBEL	DIGSA
		RATE	UNIT		CON % 07/02/01	CON % 07/02/01	CON % 07/02/01	CON % 07/02/01
23A	BALANCE PRO 4S	0.07	LAA	9	60	85	99	93
24A	EPIC 58DF	15.00	OMA	9	97	99	99	99
25A	FULTIME 4SC	2.75	LAA	9	99	98	99	98
26A	FULTIME 4SC	1.90	LAA	9	99	99	99	98
	B>FULTIME 4SC	0.85	LAA	12				
	C>COC	1.25	PMV	12				
		LSD (0.05)			13.17	6.34	1.28	4.42
		STANDARD DEVIATION			6.59	3.17	0.641	2.21

» = SUPPLEMENTAL CHEMICAL

## \* TIMING CODES

09 = ----- / PRE 05/11/2001(1)

12 = ----- / POST 06/14/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	ZEAMD	CON %	05/25/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	DIGSA	CON %	05/25/2001	02	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBEL	CON %	05/25/2001	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	CHEAL	CON %	05/25/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	AMATA	CON %	05/25/2001	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	ZEAMD	CON %	07/02/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	AMATA	CON %	07/02/2001	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	CHEAL	CON %	07/02/2001	04	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMBEL	CON %	07/02/2001	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	DIGSA	CON %	07/02/2001	02	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

## \* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 33P66