

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: S
 PH: 6.5
 %OM: 0.4
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	04/26/01	05/23/01	AME
AIR TEMPERATURE	75	60	F
% REL.HUMIDITY	20	50	
WIND DIRECTION	SOUTHWEST	WEST	
WIND SPEED	5.0	10.0	M/H
CLOUD COVER	CLEAR	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	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	---	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/14	
GARST8600IT		6.00/6.00	IN
04/26/2001			
*** PEST ***			
RAGWEED, COMMON		---/11	
		1.00/2.00	IN
SANDBUR, FIELD		---/12	
		1.00/3.00	IN
CRABGRASS, LARGE		---/11	
		1.00/1.00	IN

* TIMING CODES

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

* STAGE CODE

11 = FIRST LEAF UNFOLDED
 12 = 2 LEAVES UNFOLDED
 14 = 4 LEAVES UNFOLDED

DATA MEAN

TITLE: Crabgrass Control on Sand
CREATED: 04/25/2001 **REVISED:** 11/02/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Sand Farm **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		ZEAMD	CCHIN	DIGSA	AMBEL	ZEAMD	CCHIN
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/14/01	05/14/01	05/14/01	05/14/01	05/23/01
1A»	AXIOM	9.00	OMA	9	0	94	98	88	0
2A»	AXIOM AT 75WG	1.25	LAA	9	0	95	98	96	5
3A»	EPIC 58DF	5.00	OMA	9	0	96	90	95	8
4A»	USA 2001 71.5W	6.00	OMA	9	0	78	88	91	8
5A»	USA 2001 71.5W	8.00	OMA	9	0	98	99	94	13
6A»	USA 2001 71.5W	10.00	OMA	9	0	95	94	98	12
7A»	USA 2001 71.5W	12.00	OMA	9	0	93	94	99	12
8A»	USA 2001 71.5W	6.00	OMA	9	0	94	85	97	8
	B AATREX 9-O	1.00	LAA	9					
9A»	USA 2001 71.5W	8.00	OMA	9	0	98	93	96	17
	B AATREX 9-O	1.00	LAA	9					
10A»	USA 2001 71.5W	10.00	OMA	9	0	95	96	95	22
	B AATREX 9-O	1.00	LAA	9					
11A»	USA 2001 71.5W	12.00	OMA	9	0	94	96	98	15
	B AATREX 9-O	1.00	LAA	9					
12A»	BICEP II MAGNU	2.20	LAA	9	0	93	95	92	3
13A	CHECK	0.00	NA	9	0	0	0	0	0
14A»	CALLISTO 4SC	0.188	LAA	9	0	89	88	89	3
15A	PROWL 3.3EC	0.875	LAA	9	0	83	99	88	2
	B PRINCEP 4L	1.00	LAA	9					
16A»	BALANCE 75WG	0.031	LAA	9	0	96	98	97	8
	B PRINCEP LIQUID	1.00	LAA	9					
17A»	BALANCE 75WG	0.047	LAA	9	0	93	97	94	13
18A»	CALLISTO 4SC	0.094	LAA	12	0	85	96	57	0
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
19A»	CALLISTO 4SC	0.094	LAA	12	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					
20A»	CALLISTO 4SC	0.094	LAA	12	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					
21A	ACCENT 75WG	0.0313	LAA	12	0	0	0	0	0
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
22A»	BASIS GOLD 90D	0.79	LAA	12	0	0	0	0	0
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
23A»	CALLISTO 4SC	0.094	LAA	12	0	85	96	57	0
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
	D»DUAL II MAGNUM	0.95	LAA	9					

DATA MEAN

TITLE: Crabgrass Control on Sand

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	ZEAMD	CCHIN	DIGSA	AMBEL	ZEAMD	CCHIN
	RATE	UNIT		CON % 05/14/01	CON % 05/14/01	CON % 05/14/01	CON % 05/14/01	CON % 05/23/01	CON % 05/23/01
24A»CALLISTO 4SC	0.094	LAA	12	0	84	93	72	0	53
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						
	LSD (0.05)			0.00	7.62	10.00	13.21	5.78	16.75
	STANDARD DEVIATION			0.00	3.81	5.00	6.60	2.89	8.38

DATA MEAN

TITLE: Crabgrass Control on Sand
CREATED: 04/25/2001 **REVISED:** 11/02/2001 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Sand Farm **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 30.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		DIGSA	AMBEL	ZEAMD	DIGSA	CCHIN	AMBEL
NUM	COMPONENT	RATE	UNIT	TM	CON %	CON %	CON %	CON %	CON %
					05/23/01	05/23/01	06/19/01	06/19/01	06/19/01
1A»	AXIOM	9.00	OMA	9	93	90	0	95	90
2A»	AXIOM AT 75WG	1.25	LAA	9	94	90	0	90	90
3A»	EPIC 58DF	5.00	OMA	9	87	85	0	83	82
4A»	USA 2001 71.5W	6.00	OMA	9	82	88	0	80	83
5A»	USA 2001 71.5W	8.00	OMA	9	94	88	0	92	85
6A»	USA 2001 71.5W	10.00	OMA	9	94	88	0	92	90
7A»	USA 2001 71.5W	12.00	OMA	9	96	88	0	92	88
8A»	USA 2001 71.5W	6.00	OMA	9	87	96	0	78	90
	B AATREX 9-O	1.00	LAA	9					
9A»	USA 2001 71.5W	8.00	OMA	9	92	98	3	93	93
	B AATREX 9-O	1.00	LAA	9					
10A»	USA 2001 71.5W	10.00	OMA	9	96	96	7	92	87
	B AATREX 9-O	1.00	LAA	9					
11A»	USA 2001 71.5W	12.00	OMA	9	97	98	0	94	90
	B AATREX 9-O	1.00	LAA	9					
12A»	BICEP II MAGNU	2.20	LAA	9	85	92	0	92	87
13A	CHECK	0.00	NA	9	0	0	0	0	0
14A»	CALLISTO 4SC	0.188	LAA	9	86	98	0	91	86
15A	PROWL 3.3EC	0.875	LAA	9	97	93	0	95	85
	B PRINCEP 4L	1.00	LAA	9					
16A»	BALANCE 75WG	0.031	LAA	9	98	96	0	92	92
	B PRINCEP LIQUID	1.00	LAA	9					
17A»	BALANCE 75WG	0.047	LAA	9	97	85	0	80	80
18A»	CALLISTO 4SC	0.094	LAA	12	0	97	0	50	89
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
19A»	CALLISTO 4SC	0.094	LAA	12	0	96	0	98	95
	B ATRAZINE DF	0.25	LAA	12					
	C»COC	1.00	PMV	12					
	D 28% UAN	2.50	PMV	12					
20A»	CALLISTO 4SC	0.094	LAA	12	0	99	0	67	98
	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					
21A	ACCENT 75WG	0.0313	LAA	12	0	0	0	87	94
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
22A»	BASIS GOLD 90D	0.79	LAA	12	0	99	0	98	96
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
23A»	CALLISTO 4SC	0.094	LAA	12	99	99	0	99	92
	B»COC	1.00	PMV	12					
	C 28% UAN	2.50	PMV	12					
	D»DUAL II MAGNUM	0.95	LAA	9					

DATA MEAN

TITLE: Crabgrass Control on Sand

TRT TREATMENT NUM COMPONENT	DOSAGE RATE UNIT	TM	DIGSA CON % 05/23/01	AMBEL CON % 05/23/01	ZEAMD CON % 06/19/01	DIGSA CON % 06/19/01	CCHIN CON % 06/19/01	AMBEL CON % 06/19/01
24A»CALLISTO 4SC	0.094	LAA 12	99	98	0	99	97	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						
LSD (0.05)			10.81	6.89	4.32	12.14	11.63	7.85
STANDARD DEVIATION			5.40	3.44	2.16	6.07	5.81	3.92

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PRE 04/26/2001(1)

12 = ----- / POST 05/23/2001(2)

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	ZEAMD	CON %	05/14/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	CCHIN	CON %	05/14/2001	03	P	CCHIN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	DIGSA	CON %	05/14/2001	02	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMBEL	CON %	05/14/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	ZEAMD	CON %	05/23/2001	01	P	ZEAMD	14	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CCHIN	CON %	05/23/2001	03	P	CCHIN	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	DIGSA	CON %	05/23/2001	02	P	DIGSA	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMBEL	CON %	05/23/2001	04	P	AMBEL	11	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	ZEAMD	CON %	06/19/2001	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	DIGSA	CON %	06/19/2001	02	P	DIGSA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	CCHIN	CON %	06/19/2001	03	P	CCHIN		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	AMBEL	CON %	06/19/2001	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT

* STAGE CODE

11 = FIRST LEAF UNFOLDED

12 = 2 LEAVES UNFOLDED

14 = 4 LEAVES UNFOLDED