

## 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	05/19/00	06/19/00	AME
AIR TEMPERATURE	65	76	F
% REL. HUMIDITY	50	75	
WIND DIRECTION	WEST	SOUTHEAST	
WIND SPEED	5.0	3.0	M/H
CLOUD COVER	CLOUDY	CLEAR	
DEW	---	NO	
SOIL MOISTURE	DRY/MOIST	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	30.00	30.00	PSI
DILUENT	WATER	WATER	
INC. DATE			AME
INC. START			24H
INC. END			24H
INC. DEPTH			IN
INC. EQUIPMENT	CULTFIELD	---	
DN/SG/MMZ			
*** CROP ***			
CORN, DENT		---/14	
GARST8600IT		12.0/12.0	IN
05/17/2000			
*** PEST ***			
WATERHEMP, COMMO		---/16	
		3.00/3.00	IN
RAGWEED, COMMON		---/14	
		3.00/3.00	IN
PANICUM, FALL		---/12	
		3.00/3.00	IN
COCKLEBUR, COMMO		---/12	
		2.00/2.00	IN

## \* TIMING CODES

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

## \* STAGE CODE

12 = 2ND TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
 14 = 4 LEAVES UNFOLDED  
 16 = 6TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

TITLE: BT Grasses at the Hound  
 CREATED: 05/17/2000 REVISED: 11/28/2000 COMPLETED: N  
 PROJECT TYPE: HERBICIDE  
 LOCATION: BTOWN 600 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		TM	ZEAMD	AMATA	XANST	AMBEL	PANDI	ZEAMD
		RATE	UNIT		07/13/00	07/13/00	07/13/00	07/13/00	07/13/00	08/03/00
1A	AXIOM	19.00	OMA	9	0	87	0	86	88	0
2A	AXIOM AT 75WG	2.50	LAA	9	0	96	96	99	96	0
3A	EPIC 58DF	10.00	OMA	9	0	92	85	99	96	0
4A	EXP 002	13.00	OMA	9	0	95	93	99	99	0
5A	EXP 002	16.00	OMA	9	0	99	93	99	99	0
6A	EPIC 58DF	10.00	OMA	9	0	98	96	99	99	0
	B ATRAZINE DF	1.25	LAA	9						
7A	EXP 003	0.00	LAA	9	0	98	90	98	96	0
8A	EXP 003	0.00	LAA	9	0	96	96	99	99	0
9A	BICEP II MAGNU	2.20	LAA	9	0	93	95	99	95	0
10A	CHECK	0.00	NA	9	0	0	0	0	0	0
11A	ZA1296 4SC	0.188	LAA	9	0	95	0	99	87	0
12A	PROWL 3.3EC	1.00	LAA	9	0	90	0	92	98	0
	B PRINCEP 4L	1.00	LAA	9						
13A	BALANCE 75WG	0.031	LAA	9	0	87	87	99	93	0
	B PRINCEP LIQUID	1.00	LAA	9						
14A	BALANCE 75WG	0.047	LAA	9	0	93	90	99	87	0
15A	ZA1296 4SC	0.094	LAA	12	0	90	47	98	52	0
	B>COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
16A	ZA1296 4SC	0.094	LAA	12	0	95	96	99	77	0
	B ATRAZINE DF	0.25	LAA	12						
	C>COC	1.00	PMV	12						
	D 28% UAN	2.50	PMV	12						
17A	ZA1296 4SC	0.094	LAA	12	0	98	98	99	98	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						
18A	ACCENT 75WG	0.0313	LAA	12	0	0	0	0	99	0
	B>COC	1.00	PMV	12						
	C 28% UAN	2.50	PMV	12						
		LSD (0.05)			0.00	6.34	6.90	8.86	8.43	0.00
		STANDARD DEVIATION			0.00	3.13	3.41	4.38	4.17	0.00

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN  
 PLOT SIZE: 7.50 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	XANST	AMBEL	PANDI
		RATE	UNIT		08/03/00	08/03/00	08/03/00	08/03/00
1A	AXIOM	19.00	OMA	9	67	0	77	77
2A	AXIOM AT 75WG	2.50	LAA	9	92	92	99	88
3A	EPIC 58DF	10.00	OMA	9	83	70	99	90
4A	EXP 002	13.00	OMA	9	88	82	99	95
5A	EXP 002	16.00	OMA	9	93	83	99	95
6A	EPIC 58DF	10.00	OMA	9	92	95	98	95
	B ATRAZINE DF	1.25	LAA	9				
7A	EXP 003	0.00	LAA	9	87	82	96	93
8A	EXP 003	0.00	LAA	9	88	92	99	93
9A	BICEP II MAGNU	2.20	LAA	9	82	88	98	92
10A	CHECK	0.00	NA	9	0	0	0	0
11A	ZA1296 4SC	0.188	LAA	9	83	43	93	57
12A	PROWL 3.3EC	1.00	LAA	9	82	0	75	90
	B PRINCEP 4L	1.00	LAA	9				
13A	BALANCE 75WG	0.031	LAA	9	80	77	99	82
	B PRINCEP LIQUID	1.00	LAA	9				
14A	BALANCE 75WG	0.047	LAA	9	68	77	99	72
15A	ZA1296 4SC	0.094	LAA	12	73	47	99	37
	B>COC	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
16A	ZA1296 4SC	0.094	LAA	12	87	91	99	30
	B ATRAZINE DF	0.25	LAA	12				
	C>COC	1.00	PMV	12				
	D 28% UAN	2.50	PMV	12				
17A	ZA1296 4SC	0.094	LAA	12	93	95	99	92
	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				
18A	ACCENT 75WG	0.0313	LAA	12	0	0	0	87
	B>COC	1.00	PMV	12				
	C 28% UAN	2.50	PMV	12				
		LSD (0.05)			12.91	11.62	7.92	13.64
		STANDARD DEVIATION			6.39	5.75	3.92	6.75

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

09 = ----- / PRE 05/19/2000(1)  
 12 = ----- / POST 06/19/2000(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		07/13/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA		07/13/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	XANST		07/13/2000	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMBEL		07/13/2000	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PANDI		07/13/2000	05	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

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H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
006	ZEAMD		08/03/2000	01	P	ZEAMD		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA		08/03/2000	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	XANST		08/03/2000	03	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	AMBEL		08/03/2000	04	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PANDI		08/03/2000	05	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

\* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = GARST8600IT