

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV. CROP: ZEAMD - CORN, DENT
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 38 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	UNIT
TIMINGS	09	12	
TYPE	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	05/29/02	06/20/02	AME
AIR TEMPERATURE	75	85	F
% REL. HUMIDITY	55	70	
WIND DIRECTION	SOUTH	SOUTHEAST	
WIND SPEED	2.0	2.0	M/H
CLOUD COVER	PARTCLDY	PARTCLDY	
DEW	DRY	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	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 ***			
SOYBEAN		---/13	
PIONEER 93B67		5.00/5.00	IN
05/29/2002			
*** PEST ***			
WATERHEMP, COMMO		---/18	
		3.00/5.00	IN
SMARTWEED, PENNS		---/17	
		3.00/5.00	IN
FOXTAIL, GIANT		---/12	
		1.00/5.00	IN

* TIMING CODES

09 = ----- / PREEMERGENCE
 12 = ----- / POST

* STAGE CODE

12 = 2 LEAVES UNFOLDED
 13 = 3RD LEAF (1ST TRIFOLIATE LEAF) UNFOLDED, 2 NODES
 17 = 7TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED
 18 = 8TH TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED

DATA MEAN

TITLE: BT SOIL APPLIED FOR FOR WATERHEMP BT-700
 CREATED: 05/30/2002 REVISED: 11/18/2002 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 38.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE			GLXMA	AMATA	SETFA	POLPY	GLXMA	AMATA
		RATE	UNIT	TM	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 06/20/02	CON % 07/03/02	CON % 07/03/02
1A	BOUNDARY 7.8L	1.22	LAA	9	2	94	93	92	0	94
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
2A	BOUNDARY 7.8L	2.43	LAA	9	7	99	98	97	8	99
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
3A	DOMAIN 60DF	0.375	LAA	9	5	98	92	98	0	95
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
4A	DOMAIN 60DF	0.488	LAA	9	5	99	91	99	0	98
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
5A	DOMAIN 60DF	0.60	LAA	9	0	99	91	97	0	96
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
6A	SENCOR 75WG	0.60	LAA	9	20	99	87	99	8	98
	B>>AUTHORITY	0.094	LAA	9						
	C>>TOUCHDOWN 3L	1.00	LAA	12						
	D AM. SULFATE	10.00	LAA	12						
7A	PENDIMAX 3.3L	1.24	LAA	9	2	96	82	97	2	92
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
8A	AUTHORITY	0.23	LAA	9	8	99	83	97	3	96
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
9A	VALOR 50WG	0.094	LAA	9	38	99	94	99	22	99
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
10A	SENCOR 75WG	0.60	LAA	9	5	96	53	96	0	95
	B>>TOUCHDOWN 3L	1.00	LAA	12						
	C AM. SULFATE	10.00	LAA	12						
11A	CHECK	0.00	NA	0	0	0	0	0	0	0
12A	GAUNTLET	0.00	LAA	9	5	93	92	99	2	95
	B>>FIRSTRATE 84WG	0.032	LAA	9						
	C>>AUTHORITY	0.25	LAA	9						
	D>>TOUCHDOWN 3L	1.00	LAA	12						
	E AM. SULFATE	10.00	LAA	12						
		LSD (0.05)			9.88	5.52	10.66	3.87	6.71	5.35
		STANDARD DEVIATION			4.76	2.66	5.14	1.87	3.24	2.58

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 7.50 FT WIDE X 38.00 FT LONG REPS: 03

TRT	TREATMENT	DOSAGE		SETFA	POLPY
NUM	COMPONENT	RATE	UNIT	CON %	CON %
			TM	07/03/02	07/03/02
1A	BOUNDARY 7.8L	1.22	LAA 9	98	85
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
2A	BOUNDARY 7.8L	2.43	LAA 9	99	93
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
3A	DOMAIN 60DF	0.375	LAA 9	98	92
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
4A	DOMAIN 60DF	0.488	LAA 9	99	87
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
5A	DOMAIN 60DF	0.60	LAA 9	98	91
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
6A	SENCOR 75WG	0.60	LAA 9	98	95
B	AUTHORITY	0.094	LAA 9		
C	TOUCHDOWN 3L	1.00	LAA 12		
D	AM. SULFATE	10.00	LAA 12		
7A	PENDIMAX 3.3L	1.24	LAA 9	99	87
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
8A	AUTHORITY	0.23	LAA 9	98	98
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
9A	VALOR 50WG	0.094	LAA 9	99	95
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
10A	SENCOR 75WG	0.60	LAA 9	98	88
B	TOUCHDOWN 3L	1.00	LAA 12		
C	AM. SULFATE	10.00	LAA 12		
11A	CHECK	0.00	NA 0	0	0
12A	GAUNTLET	0.00	LAA 9	96	90
B	FIRSTRATE 84WG	0.032	LAA 9		
C	AUTHORITY	0.25	LAA 9		
D	TOUCHDOWN 3L	1.00	LAA 12		
E	AM. SULFATE	10.00	LAA 12		
		LSL (0.05)		3.10	7.67
		STANDARD DEVIATION		1.50	3.70

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 05/29/2002 (1)
 12 = ----- / POST 06/20/2002 (2)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	GLXMA	CON %	06/20/2002	01	P	GLXMA	13	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMATA	CON %	06/20/2002	02	P	AMATA	18	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	SETFA	CON %	06/20/2002	03	P	SETFA	12	RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	POLPY	CON %	06/20/2002	04	P	POLPY	17	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
05	GLXMA	CON %	07/03/2002	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	AMATA	CON %	07/03/2002	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	SETFA	CON %	07/03/2002	03	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	POLPY	CON %	07/03/2002	04	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = PIONEER 93B67

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