

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 75
 PLOT WIDTH: 10 X 33 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	02	03	04	05	06	UNIT
TIMINGS	01	01	01	01	01	01	
TYPE	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	LIQMXSPR	
APPLICATION DATE	10/02/01	10/18/01	11/10/01	11/21/01	12/03/01	01/03/02	AME
AIR TEMPERATURE	73	50	47	48	57	32	F
% REL.HUMIDITY	54	44	68	45	69	47	
WIND DIRECTION	NORTH	SOUTHEAST	EAST	SOUTHWEST	SOUTHWEST	WEST	
WIND SPEED	4.0	3.0	3.0	5.0	3.0	2.0	M/H
CLOUD COVER	CLEAR	CLOUDY	CLEAR	CLEAR	CLEAR	CLEAR	
DEW	DRY	DRY	DRY	DRY	MOIST	MOIST	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	MOIST/MOI	MOIST/MOI	DRY/MOIST	
SOIL CONDITION	COMPACT	FRIABLE	COMPACT	COMPACT	COMPACT	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	BACKPACKS	
PROPELLANT	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	COMPRSCO2	
PLACEMENT	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	BROADCAST	
NOZZLE	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	FLATFAN	
NOZZLE NUMBER	6	6	6	6	6	6	
NOZZLE SPACING	20.000	20.000	20.000	20.000	20.000	20.000	IN
SWATH WIDTH	10.0	10.0	10.0	10.0	10.0	10.0	FT
SPRAY VOLUME	20.00	20.00	20.00	20.00	20.00	20.00	
VOLUME UNIT	GPA	GPA	GPA	GPA	GPA	GPA	
PRESSURE	32.00	32.00	32.00	32.00	32.00	32.00	PSI
DILUENT	WATER	WATER	WATER	WATER	WATER	WATER	
INC. DATE							AME
INC. START							24H
INC. END							24H
INC. DEPTH							IN
INC. EQUIPMENT	---	---	---	---	---	---	
DENSITY /							
*** PEST ***							
WATERHEMP, COMMO						---/00	IN
						/	
RAGWEED, COMMON						---/00	IN
						/	
HORSEWEED						---/00	IN
						/	
SOYBEAN						---/01	IN
PIONEER 93B67						/	
05/29/2002							
PANICUM, FALL						---/00	IN
						/	
SMARTWEED, PENNS						---/00	IN
						/	

* TIMING CODES

01 = ----- / FALL APPL'D

* STAGE CODE

00 = DRY SEED (CARYOPSIS)

01 = BEGINNING OF SEED IMBIBITION

DATA MEAN

TITLE: BSTEMP Soil Temperature/Winter Annual Weed Control E-6 BROWNSTOWN
CREATED: 10/01/2001 **REVISED:** 11/26/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Brownstown **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 33.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PANDI	AMBEL	ERICA	AMATA
		RATE	UNIT		CON % 06/17/02	CON % 06/17/02	CON % 06/17/02	CON % 06/17/02
1A	CANOPY XL 56.3	0.158	LAA	0	83	94	95	90
	B CLASSIC 25WG	0.026	LAA	1				
	C>AUTHORITY	0.132	LAA	1				
	D EXPRESS 75WG	0.008	LAA	1				
	E>COC	1.00	PMV	1				
2A	PYTHON 80WG	0.063	LAA	1	37	62	83	60
	B SENCOR 75WG	0.141	LAA	1				
	C>COC	1.00	PMV	1				
3A	BACKDRAFT 1.5L	0.75	LAA	1	23	23	48	47
	B>ACTIVATOR 90	0.125	PMV	1				
	C>LIQUID AMS	3.67	PMV	1				
4A	CHECK	0.00	NA	0	0	0	0	0
	B>GRAMOX MAX 3SL	0.625	LAA	1				
	C>ACTIVATOR 90	0.25	PMV	1				
5A	CANOPY XL 56.3	0.158	LAA	0	74	88	98	85
	B CLASSIC 25WG	0.026	LAA	2				
	C>AUTHORITY	0.132	LAA	2				
	D EXPRESS 75WG	0.008	LAA	2				
	E>COC	1.00	PMV	2				
6A	PYTHON 80WG	0.063	LAA	2	38	63	95	43
	B SENCOR 75WG	0.141	LAA	2				
	C>COC	1.00	PMV	2				
7A	BACKDRAFT 1.5L	0.75	LAA	2	27	28	99	43
	B>ACTIVATOR 90	0.125	PMV	2				
	C>LIQUID AMS	3.67	PMV	2				
8A	CHECK	0.00	NA	0	0	0	0	0
	B>GRAMOX MAX 3SL	0.625	LAA	2				
	C>ACTIVATOR 90	0.25	PMV	2				
9A	CANOPY XL 56.3	0.158	LAA	0	84	96	99	72
	B CLASSIC 25WG	0.026	LAA	3				
	C>AUTHORITY	0.132	LAA	3				
	D EXPRESS 75WG	0.008	LAA	3				
	E>COC	1.00	PMV	3				
10A	PYTHON 80WG	0.063	LAA	3	38	53	96	50
	B SENCOR 75WG	0.141	LAA	3				
	C>COC	1.00	PMV	3				
11A	BACKDRAFT 1.5L	0.75	LAA	3	23	25	80	37
	B>ACTIVATOR 90	0.125	PMV	3				
	C>LIQUID AMS	3.67	PMV	3				
12A	CHECK	0.00	NA	0	0	0	0	0
	B>GRAMOX MAX 3SL	0.625	LAA	3				
	C>ACTIVATOR 90	0.25	PMV	3				
13A	CANOPY XL 56.3	0.158	LAA	0	88	93	99	95
	B CLASSIC 25WG	0.026	LAA	4				
	C>AUTHORITY	0.132	LAA	4				
	D EXPRESS 75WG	0.008	LAA	4				
	E>COC	1.00	PMV	4				
14A	PYTHON 80WG	0.063	LAA	4	53	80	86	55
	B SENCOR 75WG	0.141	LAA	4				
	C>COC	1.00	PMV	4				
15A	BACKDRAFT 1.5L	0.75	LAA	4	38	63	99	43
	B>ACTIVATOR 90	0.125	PMV	4				
	C>LIQUID AMS	3.67	PMV	4				

DATA MEAN

TITLE: BSTEMP Soil Temperature/Winter Annual Weed Control E-6 BROWNSTOWN

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PANDI	AMBEL	ERICA	AMATA
		RATE	UNIT		CON % 06/17/02	CON % 06/17/02	CON % 06/17/02	CON % 06/17/02
16A	CHECK	0.00	NA	0	0	0	0	0
	B»GRAMOX MAX 3SL	0.625	LAA	4				
	C»ACTIVATOR 90	0.25	PMV	4				
17A»	CANOPY XL 56.3	0.158	LAA	0	90	99	99	76
	B CLASSIC 25WG	0.026	LAA	5				
	C»AUTHORITY	0.132	LAA	5				
	D EXPRESS 75WG	0.008	LAA	5				
	E»COC	1.00	PMV	5				
18A»	PYTHON 80WG	0.063	LAA	5	63	75	96	60
	B SENCOR 75WG	0.141	LAA	5				
	C»COC	1.00	PMV	5				
19A»	BACKDRAFT 1.5L	0.75	LAA	5	33	47	98	53
	B»ACTIVATOR 90	0.125	PMV	5				
	C»LIQUID AMS	3.67	PMV	5				
20A	CHECK	0.00	NA	0	0	0	0	0
	B»GRAMOX MAX 3SL	0.625	LAA	5				
	C»ACTIVATOR 90	0.25	PMV	5				
21A»	CANOPY XL 56.3	0.158	LAA	0	88	90	98	77
	B CLASSIC 25WG	0.026	LAA	6				
	C»AUTHORITY	0.132	LAA	6				
	D EXPRESS 75WG	0.008	LAA	6				
	E»COC	1.00	PMV	6				
22A»	PYTHON 80WG	0.063	LAA	6	53	68	99	45
	B SENCOR 75WG	0.141	LAA	6				
	C»COC	1.00	PMV	6				
23A»	BACKDRAFT 1.5L	0.75	LAA	6	28	48	86	40
	B»ACTIVATOR 90	0.125	PMV	6				
	C»LIQUID AMS	3.67	PMV	6				
24A	CHECK	0.00	NA	0	0	0	0	0
	B»GRAMOX MAX 3SL	0.625	LAA	6				
	C»ACTIVATOR 90	0.25	PMV	6				
		LSD (0.05)			8.70	11.28	17.74	15.62
		STANDARD DEVIATION			4.35	5.64	8.87	7.81

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 01 = ----- / FALL APPL'D 10/02/2001 (1), 10/18/2001 (2), 11/10/2001 (3), 11/21/2001 (4), 12/03/2001 (5), 01/03/2002 (6)
- 02 = ----- / EPP 60 DBP
- 03 = ----- / EPP 45 DBP
- 04 = ----- / EPP 30 DBP
- 05 = ----- / EPP 15 DBP
- 06 = ----- / EPP 7 DBP

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTRT	SS	NOTE
01	PANDI	CON %	06/17/2002	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	AMBEL	CON %	06/17/2002	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	ERICA	CON %	06/17/2002	04	P	ERICA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	AMATA	CON %	06/17/2002	05	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N