

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.7
 %OM: 1.5
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 85
 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	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	LIQMIX	
APPLICATION DATE	10/02/02	10/16/02	10/31/02	11/13/02	12/19/02	02/20/03	AME
AIR TEMPERATURE	84	34	46	47	48	26	F
% REL.HUMIDITY	62	73	75	66	80	78	
WIND DIRECTION	SOUTH	NA/NONE/U	NORTH	SOUTHWEST	SOUTH	WEST	
WIND SPEED		0.0	4.0	5.0	3.0	2.0	M/H
CLOUD COVER	CLEAR	CLEAR	OVERCAST	CLEAR	OVERCAST	OVERCAST	
DEW	NO	YES	NO	YES	YES	NO	
SOIL MOISTURE	DRY/DRY	DRY/MOIST	MOIST/MOI	MOIST/MOI	WET/WET	WET/WET	
SOIL CONDITION	COMPACT	COMPACT	COMPACT	COMPACT	FRIABLE	COMPACT	
METHOD	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	SPRAY	
EQUIPMENT	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	SPRBAC	
PROPELLANT	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	COMCO2	
PLACEMENT	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	BRFOSO	
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	---	---	---	---	---	---	

* TIMING CODES

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

TITLE: BSTEMP Soil Temperature/Winter Annual Weed Control
CREATED: 09/23/2002 **REVISED:** 12/09/2003 **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	AMATA	PANDI	AMATA	PANDI	AMATA
		RATE	UNIT		CON % 06/06/03	CON % 06/06/03	CON % 07/03/03	CON % 07/03/03	CNT NUM 06/05/03	CNT NUM 06/05/03
1A»	CANOPY XL 56.3	0.158	LAA	0	80	77	85	85	34	16
	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	62	50	50	37	68	45
	B SENCOR 75WG	0.141	LAA	1						
	C»COC	1.00	PMV	1						
3A»	BACKDRAFT SL 1	0.84	LAA	1	20	20	0	0	88	135
	B»ACTIVATOR 90	0.125	PMV	1						
	C»LIQUID AMS	3.67	PMV	1						
4A	CHECK	0.00	NA	0	0	0	0	0	75	52
	B»GRAMOX MAX 3SL	0.625	LAA	1						
	C»ACTIVATOR 90	0.25	PMV	1						
5A»	CANOPY XL 56.3	0.158	LAA	0	83	72	83	72	29	9
	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	62	40	37	27	86	41
	B SENCOR 75WG	0.141	LAA	2						
	C»COC	1.00	PMV	2						
7A»	BACKDRAFT SL 1	0.84	LAA	2	27	27	7	7	167	57
	B»ACTIVATOR 90	0.125	PMV	2						
	C»LIQUID AMS	3.67	PMV	2						
8A	CHECK	0.00	NA	0	0	0	0	0	91	47
	B»GRAMOX MAX 3SL	0.625	LAA	2						
	C»ACTIVATOR 90	0.25	PMV	2						
9A»	CANOPY XL 56.3	0.158	LAA	0	89	85	83	82	9	7
	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	60	43	43	37	68	48
	B SENCOR 75WG	0.141	LAA	3						
	C»COC	1.00	PMV	3						
11A»	BACKDRAFT SL 1	0.84	LAA	3	22	20	0	0	57	61
	B»ACTIVATOR 90	0.125	PMV	3						
	C»LIQUID AMS	3.67	PMV	3						
12A	CHECK	0.00	NA	0	0	0	0	0	88	41
	B»GRAMOX MAX 3SL	0.625	LAA	3						
	C»ACTIVATOR 90	0.25	PMV	3						
13A»	CANOPY XL 56.3	0.158	LAA	0	90	92	75	85	11	9
	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	62	62	53	53	47	7
	B SENCOR 75WG	0.141	LAA	4						
	C»COC	1.00	PMV	4						
15A»	BACKDRAFT SL 1	0.84	LAA	4	20	23	7	7	140	54
	B»ACTIVATOR 90	0.125	PMV	4						
	C»LIQUID AMS	3.67	PMV	4						

TITLE: BSTEMP Soil Temperature/Winter Annual Weed Control

TRT NUM	TREATMENT COMPONENT	DOSAGE			PANDI	AMATA	PANDI	AMATA	PANDI	AMATA
		RATE	UNIT	TM	CON % 06/06/03	CON % 06/06/03	CON % 07/03/03	CON % 07/03/03	CNT NUM 06/05/03	CNT NUM 06/05/03
16A	CHECK	0.00	NA	0	0	0	0	0	108	117
	B>>GRAMOX MAX 3SL	0.625	LAA	4						
	C>>ACTIVATOR 90	0.25	PMV	4						
17A	>>CANOPY XL 56.3	0.158	LAA	0	91	91	85	85	27	5
	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	50	47	55	37	36	59
	B SENCOR 75WG	0.141	LAA	5						
	C>>COC	1.00	PMV	5						
19A	>>BACKDRAFT SL 1	0.84	LAA	5	45	37	7	7	102	39
	B>>ACTIVATOR 90	0.125	PMV	5						
	C>>LIQUID AMS	3.67	PMV	5						
20A	CHECK	0.00	NA	0	0	0	0	0	133	52
	B>>GRAMOX MAX 3SL	0.625	LAA	5						
	C>>ACTIVATOR 90	0.25	PMV	5						
21A	>>CANOPY XL 56.3	0.158	LAA	0	58	52	60	60	115	27
	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	20	20	20	30	113	36
	B SENCOR 75WG	0.141	LAA	6						
	C>>COC	1.00	PMV	6						
23A	>>BACKDRAFT SL 1	0.84	LAA	6	22	23	0	0	95	36
	B>>ACTIVATOR 90	0.125	PMV	6						
	C>>LIQUID AMS	3.67	PMV	6						
24A	CHECK	0.00	NA	0	0	0	0	0	147	18
	B>>GRAMOX MAX 3SL	0.625	LAA	6						
	C>>ACTIVATOR 90	0.25	PMV	6						
		LSD (0.05)			13.50	19.26	19.41	20.00	75.58	47.11
		STANDARD DEVIATION			6.75	9.63	9.71	10.00	37.79	23.55

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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		GLXMA BIO NUM	
		RATE	UNIT	TM	06/20/03
1A	CANOPY XL 56.3	0.158	LAA	0	7
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	41
B	SENCOR 75WG	0.141	LAA	1	
C	COC	1.00	PMV	1	
3A	BACKDRAFT SL 1	0.84	LAA	1	45
B	ACTIVATOR 90	0.125	PMV	1	
C	LIQUID AMS	3.67	PMV	1	
4A	CHECK	0.00	NA	0	21
B	GRAMOX MAX 3SL	0.625	LAA	1	
C	ACTIVATOR 90	0.25	PMV	1	
5A	CANOPY XL 56.3	0.158	LAA	0	5
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	27
B	SENCOR 75WG	0.141	LAA	2	
C	COC	1.00	PMV	2	
7A	BACKDRAFT SL 1	0.84	LAA	2	38
B	ACTIVATOR 90	0.125	PMV	2	
C	LIQUID AMS	3.67	PMV	2	
8A	CHECK	0.00	NA	0	45
B	GRAMOX MAX 3SL	0.625	LAA	2	
C	ACTIVATOR 90	0.25	PMV	2	
9A	CANOPY XL 56.3	0.158	LAA	0	1
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	21
B	SENCOR 75WG	0.141	LAA	3	
C	COC	1.00	PMV	3	
11A	BACKDRAFT SL 1	0.84	LAA	3	72
B	ACTIVATOR 90	0.125	PMV	3	
C	LIQUID AMS	3.67	PMV	3	
12A	CHECK	0.00	NA	0	47
B	GRAMOX MAX 3SL	0.625	LAA	3	
C	ACTIVATOR 90	0.25	PMV	3	
13A	CANOPY XL 56.3	0.158	LAA	0	1
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	7
B	SENCOR 75WG	0.141	LAA	4	
C	COC	1.00	PMV	4	
15A	BACKDRAFT SL 1	0.84	LAA	4	29
B	ACTIVATOR 90	0.125	PMV	4	
C	LIQUID AMS	3.67	PMV	4	

TITLE: BSTEMP Soil Temperature/Winter Annual Weed Control

TRT NUM	TREATMENT COMPONENT	DOSAGE		GLXMA BIO NUM	
		RATE	UNIT	TM	06/20/03
16A	CHECK	0.00	NA	0	80
	B»GRAMOX MAX 3SL	0.625	LAA	4	
	C»ACTIVATOR 90	0.25	PMV	4	
17A»	CANOPY XL 56.3	0.158	LAA	0	0
	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	57
	B SENCOR 75WG	0.141	LAA	5	
	C»COC	1.00	PMV	5	
19A»	BACKDRAFT SL 1	0.84	LAA	5	27
	B»ACTIVATOR 90	0.125	PMV	5	
	C»LIQUID AMS	3.67	PMV	5	
20A	CHECK	0.00	NA	0	51
	B»GRAMOX MAX 3SL	0.625	LAA	5	
	C»ACTIVATOR 90	0.25	PMV	5	
21A»	CANOPY XL 56.3	0.158	LAA	0	19
	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	32
	B SENCOR 75WG	0.141	LAA	6	
	C»COC	1.00	PMV	6	
23A»	BACKDRAFT SL 1	0.84	LAA	6	60
	B»ACTIVATOR 90	0.125	PMV	6	
	C»LIQUID AMS	3.67	PMV	6	
24A	CHECK	0.00	NA	0	30
	B»GRAMOX MAX 3SL	0.625	LAA	6	
	C»ACTIVATOR 90	0.25	PMV	6	
		LSD (0.05)			42.00
		STANDARD DEVIATION			21.00

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 01 = ----- / FALL APPL'D 10/02/2002(1), 10/16/2002(2), 10/31/2002(3), 11/13/2002(4),
12/19/2002(5), 02/20/2003(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	CTR	SS	NOTE
001	PANDI	CON %	06/06/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	06/06/2003	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PANDI	CON %	07/03/2003	02	P	PANDI		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	AMATA	CON %	07/03/2003	03	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PANDI	CNT NUM	06/05/2003	02	P	PANDI		RAW	ALL	CNT	NUM	---	1.00 SQM	NO	0001	0	N
006	AMATA	CNT NUM	06/05/2003	03	P	AMATA		RAW	ALL	CNT	NUM	---	1.00 SQM	NO	0001	0	N
007	GLXMA	BIO NUM	06/20/2003	01	P	GLXMA		RAW	ALL	BIO	NUM	---	1.00 PL	NO	0001	0	N