

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.6
 %OM: 4.7
 PREV.CROP: ZEAMD - CORN, DENT
 %RESIDUE: 85
 PLOT WIDTH: 10 X 30 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	10/10/02	10/23/02	11/08/02	11/20/03	12/13/03	01/14/03	AME
AIR TEMPERATURE	54	46	53	51	34	21	F
% REL.HUMIDITY	65	75	63	56	84	62	
WIND DIRECTION	SOUTH	NORTH	SOUTH	SOUTH	WEST	WEST	
WIND SPEED		6.0	12.0	9.0	3.0	8.0	M/H
CLOUD COVER	PARTCLDY	---	PARTCLDY	PARTCLDY	OVERCAST	OVERCAST	
DEW	YES	NO	NO	NO	NO	NO	
SOIL MOISTURE	DRY/MOIST	MOIST/MOI	MOIST/MOI	DRY/MOIST	DRY/MOIST	DRY/MOIST	
SOIL CONDITION	COMPACT	COMPACT	COMPACT	COMPACT	COMPACT	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	---	---	---	---	---	---	
DENSITY /							
*** PEST ***							
SOYBEAN						---/01	
ASGROW 3201 RR						/	IN
05/14/2003							

* TIMING CODES
 01 = ----- / FALL APPL'D

* STAGE CODE
 01 = BEGINNING OF SEED IMBIBITION

TITLE: USOYSTEMP AS-100
 CREATED: 09/23/2002 REVISED: 10/24/2003 COMPLETED: N
 PROJECT TYPE: HERBICIDE
 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	SETFA	CHEAL	PHBPU	POLPY
		RATE	UNIT		CON % 05/01/03	CON % 05/01/03	CON % 05/14/03	CON % 05/14/03	CON % 05/14/03	CON % 05/14/03
1A	CANOPY XL 56.3	0.158	LAA	0	90	99	87	99	91	99
	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	80	81	60	88	65	99
	B SENCOR 75WG	0.141	LAA	1						
	C>COC	1.00	PMV	1						
3A	BACKDRAFT SL 1	0.84	LAA	1	83	91	70	96	83	99
	B>ACTIVATOR 90	0.125	PMV	1						
	C>LIQUID AMS	3.67	PMV	1						
4A	CHECK	0.00	NA	0	0	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	88	99	82	99	80	99
	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	87	99	70	99	78	99
	B SENCOR 75WG	0.141	LAA	2						
	C>COC	1.00	PMV	2						
7A	BACKDRAFT SL 1	0.84	LAA	2	93	95	72	88	80	99
	B>ACTIVATOR 90	0.125	PMV	2						
	C>LIQUID AMS	3.67	PMV	2						
8A	CHECK	0.00	NA	0	0	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	95	99	88	99	91	99
	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	87	99	67	94	83	98
	B SENCOR 75WG	0.141	LAA	3						
	C>COC	1.00	PMV	3						
11A	BACKDRAFT SL 1	0.84	LAA	3	92	99	81	99	82	99
	B>ACTIVATOR 90	0.125	PMV	3						
	C>LIQUID AMS	3.67	PMV	3						
12A	CHECK	0.00	NA	0	0	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	85	99	85	99	90	99
	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	87	99	52	99	78	98
	B SENCOR 75WG	0.141	LAA	4						
	C>COC	1.00	PMV	4						
15A	BACKDRAFT SL 1	0.84	LAA	4	83	98	72	99	73	99
	B>ACTIVATOR 90	0.125	PMV	4						
	C>LIQUID AMS	3.67	PMV	4						

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	CHEAL	PHBPU	POLPY	SETFA	CHEAL
		RATE	UNIT		CON % 06/13/03	CON % 06/13/03	CON % 06/13/03	CON % 06/13/03	CNT NUM 05/14/03	CNT NUM 05/14/03
1A	CANOPY XL 56.3	0.158	LAA	0	72	99	77	99	10	0
	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	35	77	50	99	23	11
	B SENCOR 75WG	0.141	LAA	1						
	C>COC	1.00	PMV	1						
3A	BACKDRAFT SL 1	0.84	LAA	1	67	85	80	99	24	16
	B>ACTIVATOR 90	0.125	PMV	1						
	C>LIQUID AMS	3.67	PMV	1						
4A	CHECK	0.00	NA	0	0	0	0	0	40	14
	B>GRAMOX MAX 3SL	0.625	LAA	1						
	C>ACTIVATOR 90	0.25	PMV	1						
5A	CANOPY XL 56.3	0.158	LAA	0	66	99	70	99	20	0
	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	50	94	60	99	15	0
	B SENCOR 75WG	0.141	LAA	2						
	C>COC	1.00	PMV	2						
7A	BACKDRAFT SL 1	0.84	LAA	2	78	82	93	99	17	3
	B>ACTIVATOR 90	0.125	PMV	2						
	C>LIQUID AMS	3.67	PMV	2						
8A	CHECK	0.00	NA	0	0	0	0	0	11	18
	B>GRAMOX MAX 3SL	0.625	LAA	2						
	C>ACTIVATOR 90	0.25	PMV	2						
9A	CANOPY XL 56.3	0.158	LAA	0	77	99	85	99	7	0
	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	48	88	60	99	17	0
	B SENCOR 75WG	0.141	LAA	3						
	C>COC	1.00	PMV	3						
11A	BACKDRAFT SL 1	0.84	LAA	3	78	99	83	99	16	1
	B>ACTIVATOR 90	0.125	PMV	3						
	C>LIQUID AMS	3.67	PMV	3						
12A	CHECK	0.00	NA	0	0	0	0	0	17	13
	B>GRAMOX MAX 3SL	0.625	LAA	3						
	C>ACTIVATOR 90	0.25	PMV	3						
13A	CANOPY XL 56.3	0.158	LAA	0	80	99	78	99	7	0
	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	43	94	63	98	29	0
	B SENCOR 75WG	0.141	LAA	4						
	C>COC	1.00	PMV	4						
15A	BACKDRAFT SL 1	0.84	LAA	4	77	99	78	99	25	0
	B>ACTIVATOR 90	0.125	PMV	4						
	C>LIQUID AMS	3.67	PMV	4						

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TRT NUM	TREATMENT COMPONENT	DOSAGE			SETFA	CHEAL	PHBPU	POLPY	SETFA	CHEAL	
		RATE	UNIT	TM	CON % 06/13/03	CON % 06/13/03	CON % 06/13/03	CON % 06/13/03	CNT NUM 05/14/03	CNT NUM 05/14/03	
16A	CHECK	0.00	NA	0	0	0	0		33	4	
	B»GRAMOX MAX 3SL	0.625	LAA	4							
	C»ACTIVATOR 90	0.25	PMV	4							
17A	CANOPY XL 56.3	0.158	LAA	0	79	99	85	99	8	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	62	93	65	99	12	0	
	B SENCOR 75WG	0.141	LAA	5							
	C»COC	1.00	PMV	5							
19A	BACKDRAFT SL 1	0.84	LAA	5	76	92	88	99	25	1	
	B»ACTIVATOR 90	0.125	PMV	5							
	C»LIQUID AMS	3.67	PMV	5							
20A	CHECK	0.00	NA	0	0	0	0		21	16	
	B»GRAMOX MAX 3SL	0.625	LAA	5							
	C»ACTIVATOR 90	0.25	PMV	5							
21A	CANOPY XL 56.3	0.158	LAA	0	77	99	77	99	12	0	
	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	35	99	48	99	38	0	
	B SENCOR 75WG	0.141	LAA	6							
	C»COC	1.00	PMV	6							
23A	BACKDRAFT SL 1	0.84	LAA	6	78	99	75	99	12	0	
	B»ACTIVATOR 90	0.125	PMV	6							
	C»LIQUID AMS	3.67	PMV	6							
24A	CHECK	0.00	NA	0	0	0	0		13	8	
	B»GRAMOX MAX 3SL	0.625	LAA	6							
	C»ACTIVATOR 90	0.25	PMV	6							
					LSD (0.05)						
					STANDARD DEVIATION						
						11.82	11.66	15.65	0.77	20.45	14.69
						5.91	5.83	7.83	0.385	10.22	7.35

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 30.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	PHBPU	POLPY	YIELD
		RATE	UNIT		CNT NUM 05/14/03	CNT NUM 05/14/03	BU/A 10/13/03
1A	CANOPY XL 56.3	0.158	LAA	0	0	1	51.4
	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	3	0	43.3
	B SENCOR 75WG	0.141	LAA	1			
	C»COC	1.00	PMV	1			
3A	BACKDRAFT SL 1	0.84	LAA	1	1	0	45.6
	B»ACTIVATOR 90	0.125	PMV	1			
	C»LIQUID AMS	3.67	PMV	1			
4A	CHECK	0.00	NA	0	1	4	42.5
	B»GRAMOX MAX 3SL	0.625	LAA	1			
	C»ACTIVATOR 90	0.25	PMV	1			
5A	CANOPY XL 56.3	0.158	LAA	0	4	0	59.8
	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	3	0	57.4
	B SENCOR 75WG	0.141	LAA	2			
	C»COC	1.00	PMV	2			
7A	BACKDRAFT SL 1	0.84	LAA	2	4	0	57.2
	B»ACTIVATOR 90	0.125	PMV	2			
	C»LIQUID AMS	3.67	PMV	2			
8A	CHECK	0.00	NA	0	0	0	35.9
	B»GRAMOX MAX 3SL	0.625	LAA	2			
	C»ACTIVATOR 90	0.25	PMV	2			
9A	CANOPY XL 56.3	0.158	LAA	0	2	0	60.7
	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	1	0	56.3
	B SENCOR 75WG	0.141	LAA	3			
	C»COC	1.00	PMV	3			
11A	BACKDRAFT SL 1	0.84	LAA	3	4	1	55.7
	B»ACTIVATOR 90	0.125	PMV	3			
	C»LIQUID AMS	3.67	PMV	3			
12A	CHECK	0.00	NA	0	3	4	31.3
	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	0	52.8
	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	1	0	54.9
	B SENCOR 75WG	0.141	LAA	4			
	C»COC	1.00	PMV	4			
15A	BACKDRAFT SL 1	0.84	LAA	4	3	0	54.2
	B»ACTIVATOR 90	0.125	PMV	4			
	C»LIQUID AMS	3.67	PMV	4			

TITLE: USOYSTEMP AS-100

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	PHBPU CNT NUM 05/14/03	POLPY CNT NUM 05/14/03	YIELD BU/A 10/13/03
16A	CHECK	0.00	NA	0	2	39.3
	B>>GRAMOX MAX 3SL	0.625	LAA	4		
	C>>ACTIVATOR 90	0.25	PMV	4		
17A	CANOPY XL 56.3	0.158	LAA	0	1	55.3
	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	1	55.3
	B SENCOR 75WG	0.141	LAA	5		
	C>>COC	1.00	PMV	5		
19A	BACKDRAFT SL 1	0.84	LAA	5	0	49.6
	B>>ACTIVATOR 90	0.125	PMV	5		
	C>>LIQUID AMS	3.67	PMV	5		
20A	CHECK	0.00	NA	0	1	41.4
	B>>GRAMOX MAX 3SL	0.625	LAA	5		
	C>>ACTIVATOR 90	0.25	PMV	5		
21A	CANOPY XL 56.3	0.158	LAA	0	2	59.8
	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	3	45.8
	B SENCOR 75WG	0.141	LAA	6		
	C>>COC	1.00	PMV	6		
23A	BACKDRAFT SL 1	0.84	LAA	6	6	58.0
	B>>ACTIVATOR 90	0.125	PMV	6		
	C>>LIQUID AMS	3.67	PMV	6		
24A	CHECK	0.00	NA	0	1	35.5
	B>>GRAMOX MAX 3SL	0.625	LAA	6		
	C>>ACTIVATOR 90	0.25	PMV	6		
		LSL (0.05)		4.20	2.64	11.78
		STANDARD DEVIATION		2.10	1.32	5.89

>> = SUPPLEMENTAL CHEMICAL

* TIMING CODES

- 00 = ----- / UNTREATED TIMING
- 01 = ----- / FALL APPL'D 10/10/2002(1), 10/23/2002(2), 11/08/2002(3), 11/20/2003(4), 12/13/2003(5), 01/14/2003(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	CTRT	SS	NOTE
001	SETFA	CON %	05/01/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	CHEAL	CON %	05/01/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	SETFA	CON %	05/14/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	CHEAL	CON %	05/14/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	05/14/2003	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	POLPY	CON %	05/14/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	SETFA	CON %	06/13/2003	02	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	CON %	06/13/2003	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	PHBPU	CON %	06/13/2003	04	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	POLPY	CON %	06/13/2003	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	CNT NUM	05/14/2003	02	P	SETFA		RAW	ALL	CNT	NUM	---	1.00 SQM	NO	0001	2	N
012	CHEAL	CNT NUM	05/14/2003	03	P	CHEAL		RAW	ALL	CNT	NUM	---	1.00 SQM	NO	0001	2	N
013	PHBPU	CNT NUM	05/14/2003	04	P	PHBPU		RAW	ALL	CNT	NUM	---	1.00 SQM	NO	0001	2	N
014	POLPY	CNT NUM	05/14/2003	05	P	POLPY		RAW	ALL	CNT	NUM	---	1.00 SQM	NO	0001	2	N

TITLE: USOYSTEMP AS-100

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
015	YIELD	BU/A	10/13/2003	01	P	GLXMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N

* SPECIES COMMON NAME - CULTIVAR (IF APPLICABLE)

01 = ASGROW 3201 RR