

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.5
 %OM: 4.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 10 X 20 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMXSPR	
APPLICATION DATE	04/26/02	AME
AIR TEMPERATURE	64	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTHEAST	
WIND SPEED	2.0	M/H
CLOUD COVER	CLEAR	
DEW	DRY	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	BACKPACKS	
PROPELLANT	COMPRSCO2	
PLACEMENT	BROADCAST	
NOZZLE	FLATFAN	
NOZZLE NUMBER	6	
NOZZLE SPACING	20.000	IN
SWATH WIDTH	10.0	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	32.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	

* TIMING CODES

09 = ----- / PREEMERGENCE

DATA MEAN

TITLE: Acetamide comparison on bare ground - Urbana M-12S

CREATED: 04/13/2002 **REVISED:** 08/15/2002 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 10.00 FT **WIDE X** 20.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA CON % 05/24/02	CHEAL CON % 05/24/02	AMBEL CON % 05/24/02	XANST CON % 05/24/02	POLPY CON % 05/24/02	SETFA CON % 06/13/02
1A»	OUTLOOK 6EC	0.49	LAA	9	99	86	86	17	13	92
2A»	DUAL II MAGNUM	0.96	LAA	9	99	73	73	20	3	89
3A»	HARNESS	1.19	LAA	9	99	96	95	53	77	83
4A»	DEGREE 3.8SC	1.19	LAA	9	99	90	80	37	33	93
5A	TOPNOTCH (3.2C	1.19	LAA	9	99	99	99	89	93	95
6A	SURPASS 6.4	1.19	LAA	9	99	99	99	73	96	80
7A»	AXIOM	0.49	LAA	9	99	99	93	50	77	92
8A»	DEFINE 60DF	0.40	LAA	9	99	99	99	7	20	91
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	OUTLOOK 6EC	0.74	LAA	9	99	99	67	23	30	94
11A»	DUAL II MAGNUM	1.43	LAA	9	99	99	63	10	17	95
12A»	HARNESS	1.78	LAA	9	99	98	99	63	70	96
13A»	DEGREE 3.8SC	1.78	LAA	9	99	99	83	30	27	80
14A	TOPNOTCH (3.2C	1.78	LAA	9	99	99	99	91	87	98
15A	SURPASS 6.4	1.78	LAA	9	99	99	99	93	93	88
16A»	AXIOM	0.74	LAA	9	99	99	87	77	80	97
17A»	DEFINE 60DF	0.59	LAA	9	99	90	99	30	60	96
18A»	OUTLOOK 6EC	0.98	LAA	9	99	98	93	73	99	97
19A»	DUAL II MAGNUM	1.91	LAA	9	99	98	96	73	70	96
20A»	HARNESS	2.37	LAA	9	99	99	99	96	99	91
21A»	DEGREE 3.8SC	2.37	LAA	9	99	93	96	58	73	96
22A	TOPNOTCH (3.2C	2.37	LAA	9	99	99	99	98	93	97
23A	SURPASS 6.4	2.37	LAA	9	99	99	99	98	99	92
24A»	AXIOM	0.98	LAA	9	99	99	98	58	99	98
25A»	DEFINE 60DF	0.79	LAA	9	99	99	99	70	99	97
26A	ATRAZINE DF	2.00	LAA	9	96	99	99	63	99	23
		LSD (0.05)			1.66	7.77	14.52	22.95	17.68	7.36
		STANDARD DEVIATION			0.832	3.88	7.26	11.47	8.84	3.68

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PLOT SIZE: 10.00 FT **WIDE X** 20.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL CON % 06/13/02	AMBEL CON % 06/13/02	XANST CON % 06/13/02	POLPY CON % 06/13/02	SETFA CON % 06/28/02	CHEAL CON % 06/28/02
1A»	OUTLOOK 6EC	0.49	LAA	9	37	20	7	20	88	0
2A»	DUAL II MAGNUM	0.96	LAA	9	33	23	3	5	87	0
3A»	HARNESS	1.19	LAA	9	60	33	0	40	77	7
4A»	DEGREE 3.8SC	1.19	LAA	9	0	0	0	0	86	0
5A	TOPNOTCH (3.2C	1.19	LAA	9	88	88	17	33	88	47
6A	SURPASS 6.4	1.19	LAA	9	40	82	13	40	76	0
7A»	AXIOM	0.49	LAA	9	78	17	3	33	83	7
8A»	DEFINE 60DF	0.40	LAA	9	68	17	7	7	82	0
9A	CHECK	0.00	NA	0	0	0	0	0	0	0
10A»	OUTLOOK 6EC	0.74	LAA	9	52	3	3	17	86	7
11A»	DUAL II MAGNUM	1.43	LAA	9	73	50	13	20	89	13
12A»	HARNESS	1.78	LAA	9	78	43	13	43	86	27
13A»	DEGREE 3.8SC	1.78	LAA	9	57	40	0	17	86	13
14A	TOPNOTCH (3.2C	1.78	LAA	9	94	88	17	37	97	78
15A	SURPASS 6.4	1.78	LAA	9	88	68	20	53	77	47
16A»	AXIOM	0.74	LAA	9	92	70	10	47	90	85
17A»	DEFINE 60DF	0.59	LAA	9	55	92	0	7	83	0
18A»	OUTLOOK 6EC	0.98	LAA	9	80	55	47	70	89	33
19A»	DUAL II MAGNUM	1.91	LAA	9	63	62	7	27	91	37
20A»	HARNESS	2.37	LAA	9	91	96	52	50	77	73
21A»	DEGREE 3.8SC	2.37	LAA	9	83	83	13	23	91	50
22A	TOPNOTCH (3.2C	2.37	LAA	9	98	96	37	85	96	93
23A	SURPASS 6.4	2.37	LAA	9	86	93	58	87	81	55
24A»	AXIOM	0.98	LAA	9	99	80	13	93	95	87
25A»	DEFINE 60DF	0.79	LAA	9	81	81	0	20	96	17
26A	ATRAZINE DF	2.00	LAA	9	99	99	85	83	0	96
		LSD (0.05)			16.39	22.44	16.93	18.00	9.52	19.15
		STANDARD DEVIATION			8.19	11.22	8.46	9.00	4.76	9.58

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 LOCATION: Urbana RESEARCHED BY: UNIV. OF ILL
 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 10.00 FT WIDE X 20.00 FT LONG REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	AMBEL CON % 06/28/02	XANST CON % 06/28/02	POLPY CON % 06/28/02
1A»	OUTLOOK 6EC	0.49	LAA	9	0	0	3
2A»	DUAL II MAGNUM	0.96	LAA	9	0	0	0
3A»	HARNESS	1.19	LAA	9	10	0	27
4A»	DEGREE 3.8SC	1.19	LAA	9	0	0	0
5A	TOPNOTCH (3.2C	1.19	LAA	9	13	0	47
6A	SURPASS 6.4	1.19	LAA	9	7	0	53
7A»	AXIOM	0.49	LAA	9	3	0	23
8A»	DEFINE 60DF	0.40	LAA	9	0	0	17
9A	CHECK	0.00	NA	0	0	0	0
10A»	OUTLOOK 6EC	0.74	LAA	9	0	0	13
11A»	DUAL II MAGNUM	1.43	LAA	9	0	7	7
12A»	HARNESS	1.78	LAA	9	10	3	37
13A»	DEGREE 3.8SC	1.78	LAA	9	0	0	13
14A	TOPNOTCH (3.2C	1.78	LAA	9	20	7	17
15A	SURPASS 6.4	1.78	LAA	9	7	35	30
16A»	AXIOM	0.74	LAA	9	0	0	30
17A»	DEFINE 60DF	0.59	LAA	9	0	7	0
18A»	OUTLOOK 6EC	0.98	LAA	9	0	0	40
19A»	DUAL II MAGNUM	1.91	LAA	9	7	0	27
20A»	HARNESS	2.37	LAA	9	66	23	73
21A»	DEGREE 3.8SC	2.37	LAA	9	99	13	20
22A	TOPNOTCH (3.2C	2.37	LAA	9	87	27	96
23A	SURPASS 6.4	2.37	LAA	9	73	40	85
24A»	AXIOM	0.98	LAA	9	77	7	96
25A»	DEFINE 60DF	0.79	LAA	9	0	0	0
26A	ATRAZINE DF	2.00	LAA	9	99	75	99
		LSD (0.05)			21.30	14.87	17.77
		STANDARD DEVIATION			10.65	7.44	8.89

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING

09 = ----- / PREEMERGENCE 04/26/2002(1)

DATA MEAN

TITLE: Acetamide comparison on bare ground - Urbana M-12S

H#	CUSTOM#1	CUSTOM#2	EV.DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
01	SETFA	CON %	05/24/2002	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
02	CHEAL	CON %	05/24/2002	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
03	AMBEL	CON %	05/24/2002	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
04	XANST	CON %	05/24/2002	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
05	POLPY	CON %	05/24/2002	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
06	SETFA	CON %	06/13/2002	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
07	CHEAL	CON %	06/13/2002	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
08	AMBEL	CON %	06/13/2002	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
09	XANST	CON %	06/13/2002	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
10	POLPY	CON %	06/13/2002	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
11	SETFA	CON %	06/28/2002	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
12	CHEAL	CON %	06/28/2002	02	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
13	AMBEL	CON %	06/28/2002	03	P	AMBEL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
14	XANST	CON %	06/28/2002	04	P	XANST		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
15	POLPY	CON %	06/28/2002	05	P	POLPY		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N