

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
 PH: 6.5
 %OM: 4.0
 PREV.CROP: GLXMA - SOYBEAN
 %RESIDUE: 0
 PLOT WIDTH: 7.5 X 17 FEET

DESIGN: RCB
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	04/19/05	AME
AIR TEMPERATURE	77	F
% REL.HUMIDITY	27	
WIND DIRECTION	SOUTHWEST	
WIND SPEED	8.0	M/H
CLOUD COVER	CLEAR	
DEW	NO	
SOIL MOISTURE	DRY/MOIST	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
NOZZLE	FLATFAN	
NOZZLE NUMBER	5	
NOZZLE SPACING	18.000	IN
SWATH WIDTH	7.5	FT
SPRAY VOLUME	20.00	
VOLUME UNIT	GPA	
PRESSURE	30.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	

* TIMING CODES

09 = ----- / PREEMERGENCE

TITLE: Bare Ground Acetamide Comparison for Residual Waterhemp Control M-9 700 .
CREATED: 04/18/2005 **REVISED:** 12/01/2005 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT **WIDE X** 17.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	SETFA	AMATA	CHEAL	ABUTH	SETFA	AMATA	
		RATE	UNIT		CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 05/19/05	CON % 06/01/05	CON % 06/01/05	
1A»	OUTLOOK 6EC	0.74	LAA	9	81	91	91	63	73	82	
2A»	DUAL II MAGNUM	1.43	LAA	9	68	68	77	47	50	50	
3A»	KIH-485 60WG	0.17	LAA	9	79	82	86	62	70	70	
4A»	STALWART C 7.8	1.43	LAA	9	70	60	63	43	43	40	
5A»	HARNESS	1.78	LAA	9	84	92	93	77	83	93	
6A	CHECK	0.00	NA	0	0	0	0	0	0	0	
7A»	DEGREE 3.8SC	1.78	LAA	9	65	61	65	45	62	50	
8A	TOPNOTCH (3.2C	1.78	LAA	9	87	91	93	82	86	93	
9A	SURPASS 6.4	1.78	LAA	9	87	94	96	86	90	93	
10A»	AXIOM	0.74	LAA	9	68	60	67	57	50	47	
11A»	DEFINE 4SC	0.59	LAA	9	77	58	67	43	43	37	
12A»	BALANCE PRO 4S	0.07	LAA	9	79	92	94	95	80	94	
13A»	OUTLOOK 6EC	0.98	LAA	9	91	93	94	90	90	94	
14A»	DUAL II MAGNUM	1.91	LAA	9	78	83	83	62	77	75	
15A»	KIH-485 60WG	0.22	LAA	9	78	91	94	92	83	86	
16A»	STALWART C 7.8	1.91	LAA	9	73	68	72	52	70	63	
17A»	HARNESS	2.37	LAA	9	93	98	98	93	97	98	
18A»	DEGREE 3.8SC	2.37	LAA	9	76	84	87	68	78	85	
19A	TOPNOTCH (3.2C	2.37	LAA	9	92	96	95	82	94	98	
20A	SURPASS 6.4	2.37	LAA	9	95	95	94	85	96	97	
21A»	AXIOM	0.98	LAA	9	78	81	83	67	75	70	
22A»	DEFINE 4SC	0.79	LAA	9	79	57	65	47	52	40	
23A	ATRAZINE DF	2.00	LAA	9	63	53	60	40	50	47	
24A»	BALANCE PRO 4S	0.094	LAA	9	80	93	95	88	89	96	
					LSD (0.05)	14.00	12.13	11.55	15.59	10.70	8.73
					STANDARD DEVIATION	7.00	6.06	5.77	7.80	5.35	4.36

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 7.50 FT WIDE X 17.00 FT LONG **REPS:** 03

TRT	TREATMENT	DOSAGE		CHEAL	ABUTH	SETFA	AMATA	CHEAL	ABUTH
NUM	COMPONENT	RATE	UNIT	CON %	CON %	CON %	CON %	CON %	CON %
			TM	06/01/05	06/01/05	06/27/05	06/27/05	06/27/05	06/27/05
1A»	OUTLOOK 6EC	0.74	LAA 9	87	17	90	91	88	0
2A»	DUAL II MAGNUM	1.43	LAA 9	47	0	94	89	89	0
3A»	KIH-485 60WG	0.17	LAA 9	67	37	94	92	92	0
4A»	STALWART C 7.8	1.43	LAA 9	33	0	89	80	77	0
5A»	HARNESS	1.78	LAA 9	93	7	89	88	88	0
6A	CHECK	0.00	NA 0	0	0	0	0	0	0
7A»	DEGREE 3.8SC	1.78	LAA 9	40	0	96	90	92	0
8A	TOPNOTCH (3.2C	1.78	LAA 9	87	30	98	93	95	0
9A	SURPASS 6.4	1.78	LAA 9	93	23	93	93	89	0
10A»	AXIOM	0.74	LAA 9	48	0	91	88	90	0
11A»	DEFINE 4SC	0.59	LAA 9	33	0	93	86	81	0
12A»	BALANCE PRO 4S	0.07	LAA 9	97	88	89	85	87	70
13A»	OUTLOOK 6EC	0.98	LAA 9	91	30	99	97	98	0
14A»	DUAL II MAGNUM	1.91	LAA 9	67	0	98	98	94	0
15A»	KIH-485 60WG	0.22	LAA 9	80	67	97	98	98	0
16A»	STALWART C 7.8	1.91	LAA 9	53	10	84	88	86	0
17A»	HARNESS	2.37	LAA 9	98	37	93	90	90	0
18A»	DEGREE 3.8SC	2.37	LAA 9	78	0	91	90	89	0
19A	TOPNOTCH (3.2C	2.37	LAA 9	94	23	96	91	93	0
20A	SURPASS 6.4	2.37	LAA 9	97	10	99	98	96	0
21A»	AXIOM	0.98	LAA 9	68	7	98	94	96	0
22A»	DEFINE 4SC	0.79	LAA 9	43	0	89	85	84	0
23A	ATRAZINE DF	2.00	LAA 9	57	0	50	50	73	0
24A»	BALANCE PRO 4S	0.094	LAA 9	97	94	95	95	96	89
		LSD (0.05)		10.22	14.48	5.48	5.33	6.66	3.81
		STANDARD DEVIATION		5.11	7.24	2.74	2.66	3.33	1.91

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

00 = ----- / UNTREATED TIMING
 09 = ----- / PREEMERGENCE 04/19/2005(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR	SS	NOTE
001	SETFA	CON %	05/19/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	05/19/2005	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/19/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/19/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	SETFA	CON %	06/01/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	AMATA	CON %	06/01/2005	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	CHEAL	CON %	06/01/2005	03	P	CHEAL		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
008	ABUTH	CON %	06/01/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	SETFA	CON %	06/27/2005	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	AMATA	CON %	06/27/2005	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	CHEAL	CON %	06/27/2005	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	ABUTH	CON %	06/27/2005	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N