

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL
PH: 6.5
%OM: 4.0
PREV.CROP: AMATA - WATERHEMP, COMMON
%RESIDUE: 0
PLOT WIDTH: 15 X 50 FEET

DESIGN: RCB
REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	09	
TYPE	LIQMIX	
APPLICATION DATE	05/09/06	AME
AIR TEMPERATURE	68	F
% REL.HUMIDITY	40	
WIND DIRECTION	SOUTH	
WIND SPEED	10.0	M/H
CLOUD COVER	PARTCLDY	
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	42.00	PSI
DILUENT	WATER	
INC. DATE		AME
INC. START		24H
INC. END		24H
INC. DEPTH		IN
INC. EQUIPMENT	---	

* TIMING CODES

09 = ----- / PREEMERGENCE

TITLE: Bare Ground Evaluation of Sequence. M-9 700

CREATED: 05/04/2006 REVISED: 08/14/2006

COMPLETED: N

PROJECT TYPE: HERBICIDE

LOCATION: Urbana

RESEARCHED BY: UNIV. OF ILL

DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN

PLOT SIZE: 15.00 FT WIDE X 50.00 FT LONG

REPS: 03

TRT	TREATMENT		DOSAGE		SETFA	AMATA	CHEAL	ABUTH	PHBPU	SETFA
NUM	COMPONENT		RATE	UNIT TM	CON %	CON %	CON %	CON %	CON %	# TRT'D
					05/24/06	05/24/06	05/24/06	05/24/06	05/24/06	05/24/06
1A	SEQUENCE 5.25		1.64	LAA 9	94	93	98	96	96	2
2A»A	13886 5.25EW		1.64	LAA 9	99	95	98	96	94	0
3A»A	14941 4.66CS		1.64	LAA 9	94	91	95	97	96	2
4A	PROWL H2O 3.8		1.00	LAA 9	88	62	94	89	93	4
			LSL (0.05)		8.51	13.37	7.35	9.87	5.12	3.63
			STANDARD DEVIATION		3.48	5.47	3.00	4.00	2.09	1.48

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PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 15.00 FT **WIDE X** 50.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	AMATA	CHEAL	ABUTH	PHBPU	SETFA	AMATA
		RATE	UNIT		# TRT'D 05/24/06	# TRT'D 05/24/06	# TRT'D 05/24/06	# TRT'D 05/24/06	# UNTR'D 05/24/06	# UNTR'D 05/24/06
1A	SEQUENCE 5.25	1.64	LAA	9	2	0	1	0	22	61
2A»A	13886 5.25EW	1.64	LAA	9	1	0	1	1	4	35
3A»A	14941 4.66CS	1.64	LAA	9	3	2	1	1	9	48
4A	PROWL H2O 3.8	1.00	LAA	9	45	1	2	0	12	50
		LSD (0.05)			26.52	3.05	2.88	1.33	22.00	34.50
		STANDARD DEVIATION			10.84	1.25	1.18	0.544	9.00	14.10

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 15.00 FT **WIDE X** 50.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	CHEAL	ABUTH	PHBPU	SETFA	AMATA	CHEAL		
					# UNTR'D 05/24/06	# UNTR'D 05/24/06	# UNTR'D 05/24/06	# TRT'D 06/06/06	# TRT'D 06/06/06	# TRT'D 06/06/06		
1A	SEQUENCE	5.25	1.64	LAA	9	3	1	0	3	1	0	
2A»A	13886	5.25EW	1.64	LAA	9	1	0	0	1	2	0	
3A»A	14941	4.66CS	1.64	LAA	9	2	5	0	1	1	0	
4A	PROWL	H2O	3.8	1.00	LAA	9	3	3	0	1	10	1
LSD (0.05)					2.73	5.32	0.577	3.14	4.76	0.942		
STANDARD DEVIATION					1.11	2.17	0.236	1.28	1.94	0.385		

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	ABUTH	PHBPU	SETFA	AMATA	CHEAL	ABUTH	
					# TRT'D 06/06/06	# TRT'D 06/06/06	# UNTR'D 06/06/06	# UNTR'D 06/06/06	# UNTR'D 06/06/06	# UNTR'D 06/06/06	
1A	SEQUENCE	5.25	1.64	LAA	9	4	10	12	41	2	3
2A»A	13886	5.25EW	1.64	LAA	9	3	11	1	35	3	1
3A»A	14941	4.66CS	1.64	LAA	9	2	8	7	38	2	2
4A	PROWL H2O	3.8	1.00	LAA	9	3	9	5	36	3	3
			LSD (0.05)			5.38	8.00	11.74	27.63	3.63	3.48
			STANDARD DEVIATION			2.20	3.25	4.80	11.29	1.48	1.42

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 15.00 FT **WIDE X** 50.00 FT **LONG** **REPS:** 03

TRT	TREATMENT	DOSAGE		PHBPU	SETFA	AMATA	CHEAL	ABUTH	PHBPU
NUM	COMPONENT	RATE	UNIT	TM	# UNTR'D	# TRT'D	# TRT'D	# TRT'D	# TRT'D
					06/06/06	06/22/06	06/22/06	06/22/06	06/22/06
1A	SEQUENCE 5.25	1.64	LAA	9	11	1	0	0	2
2A»A	13886 5.25EW	1.64	LAA	9	6	0	0	0	1
3A»A	14941 4.66CS	1.64	LAA	9	4	1	0	0	1
4A	PROWL H2O 3.8	1.00	LAA	9	11	0	1	0	2
		LSD (0.05)			8.15	1.79	1.45	0.881	2.00
		STANDARD DEVIATION			3.33	0.733	0.593	0.36	0.805

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	UNIT	TM	SETFA	AMATA	CHEAL	ABUTH	PHBPU	SETFA		
					# UNTR'D 06/22/06	# UNTR'D 06/22/06	# UNTR'D 06/22/06	# UNTR'D 06/22/06	# UNTR'D 06/22/06	CON % 06/30/06		
1A	SEQUENCE	5.25	1.64	LAA	9	1	2	2	0	2	0	
2A»A	13886	5.25EW	1.64	LAA	9	0	3	1	0	1	0	
3A»A	14941	4.66CS	1.64	LAA	9	1	1	1	0	0	0	
4A	PROWL	H2O	3.8	1.00	LAA	9	1	3	2	0	1	0
				LSD (0.05)		1.53	2.42	0.942	0.00	1.00	0.00	
				STANDARD DEVIATION		0.624	1.00	0.385	0.00	0.408	0.00	

REPS: 03

TRT NUM	TREATMENT COMPONENT	DOSAGE RATE	DOSAGE UNIT	TM	AMATA CON % 06/30/06	CHEAL CON % 06/30/06	ABUTH CON % 06/30/06	PHBPU CON % 06/30/06	SETFA CON % 06/30/06	AMATA CON % 06/30/06	
1A	SEQUENCE	5.25	1.64	LAA	9	0	0	0	1	0	0
2A»A	13886	5.25EW	1.64	LAA	9	0	0	0	2	0	0
3A»A	14941	4.66CS	1.64	LAA	9	0	0	0	0	0	0
4A	PROWL	H2O	3.8	1.00	LAA	9	0	0	2	0	0
				LSD (0.05)		0.00	0.00	0.577	1.29	0.577	0.00
				STANDARD DEVIATION		0.00	0.00	0.236	0.527	0.236	0.00

TITLE: Bare Ground Evaluation of Sequence. M-9 700
CREATED: 05/04/2006 **REVISED:** 08/14/2006 **COMPLETED:** N
PROJECT TYPE: HERBICIDE
LOCATION: Urbana **RESEARCHED BY:** UNIV. OF ILL
DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 15.00 FT **WIDE X** 50.00 FT **LONG** **REPS:** 03

TRT TREATMENT NUM COMPONENT	DOSAGE		TM	CHEAL CON %		ABUTH CON %		PHBPU CON %		SETFA # TRT'D		AMATA # TRT'D		CHEAL # TRT'D	
	RATE	UNIT		06/30/06	06/30/06	06/30/06	06/30/06	06/30/06	06/30/06	07/11/06	07/11/06	07/11/06	07/11/06	07/11/06	07/11/06
1A SEQUENCE 5.25	1.64	LAA	9	0	0			2		0		0		0	
2A»A 13886 5.25EW	1.64	LAA	9	0	0			2		0		0		0	
3A»A 14941 4.66CS	1.64	LAA	9	0	0			0		0		0		0	
4A PROWL H2O 3.8	1.00	LAA	9	0	1			3		0		0		0	
	LSD (0.05)				0.00		1.15	3.00		0.577		0.00		0.577	
	STANDARD DEVIATION				0.00		0.471	1.22		0.236		0.00		0.236	

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DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
PLOT SIZE: 15.00 FT **WIDE X** 50.00 FT **LONG** **REPS:** 03

TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ABUTH	PHBPU	SETFA	AMATA	CHEAL	ABUTH
		RATE	UNIT		# TRT'D 07/11/06	# TRT'D 07/11/06	# UNTR'D 07/11/06	# UNTR'D 07/11/06	# UNTR'D 07/11/06	# UNTR'D 07/11/06
1A	SEQUENCE 5.25	1.64	LAA	9	0	2	1	0	0	0
2A»A	13886 5.25EW	1.64	LAA	9	1	1	0	0	0	1
3A»A	14941 4.66CS	1.64	LAA	9	2	2	0	1	0	1
4A	PROWL H2O 3.8	1.00	LAA	9	1	3	0	0	0	1
		LSD (0.05)			1.66	2.81	2.00	1.20	1.00	0.942
		STANDARD DEVIATION			0.68	1.15	0.817	0.491	0.408	0.385

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 DESIGN: RANDOMIZED COMPLETE BLOCK DESIGN
 PLOT SIZE: 15.00 FT WIDE X 50.00 FT LONG REPS: 03

TRT TREATMENT	DOSAGE	# UNTR'D
NUM COMPONENT	RATE UNIT TM	07/11/06
1A SEQUENCE 5.25	1.64 LAA 9	2
2A»A 13886 5.25EW	1.64 LAA 9	2
3A»A 14941 4.66CS	1.64 LAA 9	3
4A PROWL H2O 3.8	1.00 LAA 9	3
	LSD (0.05)	1.37
	STANDARD DEVIATION	0.561

» = SUPPLEMENTAL CHEMICAL

* TIMING CODES

09 = ----- / PREEMERGENCE 05/09/2006(1)

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 %	05/24/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	AMATA	CON %	05/24/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	CHEAL	CON %	05/24/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	ABUTH	CON %	05/24/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PHBPU	CON %	05/24/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	SETFA	# TRT'D	05/24/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	AMATA	# TRT'D	05/24/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	CHEAL	# TRT'D	05/24/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	ABUTH	# TRT'D	05/24/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	PHBPU	# TRT'D	05/24/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	SETFA	# UNTR'D	05/24/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	AMATA	# UNTR'D	05/24/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	CHEAL	# UNTR'D	05/24/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	ABUTH	# UNTR'D	05/24/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	PHBPU	# UNTR'D	05/24/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	SETFA	# TRT'D	06/06/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	AMATA	# TRT'D	06/06/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	CHEAL	# TRT'D	06/06/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	ABUTH	# TRT'D	06/06/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	PHBPU	# TRT'D	06/06/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	SETFA	# UNTR'D	06/06/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	AMATA	# UNTR'D	06/06/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
023	CHEAL	# UNTR'D	06/06/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
024	ABUTH	# UNTR'D	06/06/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
025	PHBPU	# UNTR'D	06/06/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
026	SETFA	# TRT'D	06/22/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
027	AMATA	# TRT'D	06/22/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
028	CHEAL	# TRT'D	06/22/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
029	ABUTH	# TRT'D	06/22/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
030	PHBPU	# TRT'D	06/22/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
031	SETFA	# UNTR'D	06/22/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
032	AMATA	# UNTR'D	06/22/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
033	CHEAL	# UNTR'D	06/22/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
034	ABUTH	# UNTR'D	06/22/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
035	PHBPU	# UNTR'D	06/22/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
036	SETFA	CON %	06/30/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
037	AMATA	CON %	06/30/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
038	CHEAL	CON %	06/30/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
039	ABUTH	CON %	06/30/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
040	PHBPU	CON %	06/30/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
041	SETFA	CON %	06/30/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
042	AMATA	CON %	06/30/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
043	CHEAL	CON %	06/30/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
044	ABUTH	CON %	06/30/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
045	PHBPU	CON %	06/30/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
046	SETFA	# TRT'D	07/11/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
047	AMATA	# TRT'D	07/11/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
048	CHEAL	# TRT'D	07/11/2006	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	CTR	SS	NOTE
049	ABUTH	# TRT'D	07/11/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
050	PHBPU	# TRT'D	07/11/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
051	SETFA	# UNTR'D	07/11/2006	01	P	SETFA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
052	AMATA	# UNTR'D	07/11/2006	02	P	AMATA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
053	CHEAL	# UNTR'D	07/11/2006	03	P	CHEAL		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
054	ABUTH	# UNTR'D	07/11/2006	04	P	ABUTH		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
055	PHBPU	# UNTR'D	07/11/2006	05	P	PHBPU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N