

SOIL INFORMATION

TRIAL INFORMATION

TEXTURE: SIL  
 PH: 6.6  
 %OM: 4.7  
 PREV.CROP: MEDSA - ALFALFA  
 %RESIDUE: 0  
 PLOT WIDTH: 10 X 30 FEET

DESIGN: RCB  
 REPS: 3

APPL. NUMBER	01	UNIT
TIMINGS	12	
TYPE	LIQMIX	
APPLICATION DATE	05/17/06	AME
AIR TEMPERATURE	73	F
% REL.HUMIDITY	38	
WIND DIRECTION	NORTHWEST	
WIND SPEED	11.0	M/H
CLOUD COVER	PARTCLDY	
DEW	NO	
SOIL MOISTURE	MOIST/MOI	
SOIL CONDITION	---	
METHOD	SPRAY	
EQUIPMENT	SPRBAC	
PROPELLANT	COMCO2	
PLACEMENT	BRFOSO	
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	---	
	DN/SG/MMZ	
*** CROP ***		
CHICKWEED, COMMO	---/27 6.00/12.0	IN
*** PEST ***		
BURDOCK	---/19 3.00/6.00	IN
THISTLE, BULL	---/19 4.00/12.0	IN
POISON-HEMLOCK	---/19 6.00/12.0	IN
LETTUCE, PRICKLY	---/19 4.00/10.0	IN
PINEAPPLE-WEED	---/19 4.00/8.00	IN
PLANTAIN, BUCKHO	---/19 2.00/8.00	IN
CINQUEFOIL	---/19 4.00/6.00	IN
DOCK, CURLY	---/19 4.00/8.00	IN
MUSTARD	---/19 12.0/12.0	IN
DANDELION, COMMO	---/19 2.00/6.00	IN

\* TIMING CODES

12 = ----- / POST

\* STAGE CODE

19 = >8 TRUE LEAVES/LEAF PAIRS/WHORLS UNFOLDED  
27 = 7 SIDE SHOOTS/TILLERS VISIBLE

**TITLE:** New PGR's for Weed Control in Pastures I. Urbana  
**CREATED:** 05/17/2006 **REVISED:** 09/27/2006 **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		STEME CON % 05/23/06	TAROF CON % 05/23/06	PLALA CON % 05/23/06	SINSS CON % 05/23/06	PTLSS CON % 05/23/06	MATMT CON % 05/23/06
		RATE	UNIT TM						
1A»	MILESTONE 2L	0.078	LAA 12	67	48	79	27	43	45
B»	ACTIVATOR 90	0.25	PMV 12						
2A»	MILESTONE 2L	0.11	LAA 12	78	73	90	43	52	48
B»	ACTIVATOR 90	0.25	PMV 12						
3A»	FOREFRONT R&P	0.56	LAA 12	72	68	89	40	48	48
B»	ACTIVATOR 90	0.25	PMV 12						
4A»	FOREFRONT R&P	0.75	LAA 12	78	75	93	55	57	58
B»	ACTIVATOR 90	0.25	PMV 12						
5A»	FOREFRONT R&P	0.975	LAA 12	80	79	93	58	65	62
B»	ACTIVATOR 90	0.25	PMV 12						
6A	(G)2,4-D-ESTER	0.95	LAA 12	68	78	90	43	60	63
B»	ACTIVATOR 90	0.25	PMV 12						
		LSD (0.05)		12.30	9.24	7.18	18.17	16.19	10.00
		STANDARD DEVIATION		5.52	4.15	3.22	8.15	7.26	4.47

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	ARFSS	RUMCR	COIMA	CIRVU	LACSE	STEME
		RATE	UNIT		CON % 05/23/06	CON % 05/23/06	CON % 05/23/06	CON % 05/23/06	CON % 05/23/06	CON % 06/07/06
1A»	MILESTONE 2L	0.078	LAA	12	50	60	43	79	72	99
B»	ACTIVATOR 90	0.25	PMV	12						
2A»	MILESTONE 2L	0.11	LAA	12	73	78	60	83	89	99
B»	ACTIVATOR 90	0.25	PMV	12						
3A»	FOREFRONT R&P	0.56	LAA	12	55	83	67	72	88	99
B»	ACTIVATOR 90	0.25	PMV	12						
4A»	FOREFRONT R&P	0.75	LAA	12	73	91	78	80	93	99
B»	ACTIVATOR 90	0.25	PMV	12						
5A»	FOREFRONT R&P	0.975	LAA	12	85	92	81	81	94	99
B»	ACTIVATOR 90	0.25	PMV	12						
6A	(G)2,4-D-ESTER	0.95	LAA	12	57	83	47	75	86	99
B»	ACTIVATOR 90	0.25	PMV	12						
		LSD (0.05)			14.06	8.21	8.20	10.08	7.86	0.00
		STANDARD DEVIATION			6.31	3.69	3.68	4.52	3.53	0.00

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TRT NUM	TREATMENT COMPONENT	DOSAGE		TM	TAROF	PLALA	SINSS	PTLSS	MATMT	ARFSS
		RATE	UNIT		CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06
1A»	MILESTONE 2L	0.078	LAA	12	60	65	22	27	37	70
B»	ACTIVATOR 90	0.25	PMV	12						
2A»	MILESTONE 2L	0.11	LAA	12	76	75	38	52	60	84
B»	ACTIVATOR 90	0.25	PMV	12						
3A»	FOREFRONT R&P	0.56	LAA	12	72	73	55	55	67	89
B»	ACTIVATOR 90	0.25	PMV	12						
4A»	FOREFRONT R&P	0.75	LAA	12	81	77	67	60	73	95
B»	ACTIVATOR 90	0.25	PMV	12						
5A»	FOREFRONT R&P	0.975	LAA	12	88	86	70	63	76	97
B»	ACTIVATOR 90	0.25	PMV	12						
6A	(G)2,4-D-ESTER	0.95	LAA	12	81	83	37	48	65	86
B»	ACTIVATOR 90	0.25	PMV	12						
		LSD (0.05)			10.19	9.61	11.94	8.94	11.32	7.63
		STANDARD DEVIATION			4.57	4.31	5.36	4.00	5.08	3.42

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

TRT TREATMENT	DOSAGE	RUMCR	COIMA	CIRVU	LACSE
NUM COMPONENT	RATE UNIT TM	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06	CON % 06/07/06
1A»MILESTONE 2L	0.078 LAA 12	72	57	81	63
B»ACTIVATOR 90	0.25 PMV 12				
2A»MILESTONE 2L	0.11 LAA 12	78	72	88	70
B»ACTIVATOR 90	0.25 PMV 12				
3A»FOREFRONT R&P	0.56 LAA 12	78	73	95	75
B»ACTIVATOR 90	0.25 PMV 12				
4A»FOREFRONT R&P	0.75 LAA 12	83	78	97	85
B»ACTIVATOR 90	0.25 PMV 12				
5A»FOREFRONT R&P	0.975 LAA 12	87	77	98	88
B»ACTIVATOR 90	0.25 PMV 12				
6A (G)2,4-D-ESTER	0.95 LAA 12	70	58	96	84
B»ACTIVATOR 90	0.25 PMV 12				
	LSL (0.05)	9.00	14.82	5.12	9.47
	STANDARD DEVIATION	4.00	6.65	2.30	4.25

>> = SUPPLEMENTAL CHEMICAL

\* TIMING CODES

12 = ----- / POST 05/17/2006(1)

H#	CUSTOM#1	CUSTOM#2	EV. DATE	S#	TYP	SPECIE	STAGE	RAW	PRT	SYM	MTH	CNF	BASIS	C.M	CTR1	SS	NOTE
001	STEME	CON %	05/23/2006	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
002	TAROF	CON %	05/23/2006	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
003	PLALA	CON %	05/23/2006	03	P	PLALA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
004	SINSS	CON %	05/23/2006	04	P	SINSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
005	PTLSS	CON %	05/23/2006	05	P	PTLSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
006	MATMT	CON %	05/23/2006	06	P	MATMT		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
007	ARFSS	CON %	05/23/2006	07	P	ARFSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
008	RUMCR	CON %	05/23/2006	08	P	RUMCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
009	COIMA	CON %	05/23/2006	09	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
010	CIRVU	CON %	05/23/2006	10	P	CIRVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
011	LACSE	CON %	05/23/2006	11	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
012	STEME	CON %	06/07/2006	01	P	STEME		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
013	TAROF	CON %	06/07/2006	02	P	TAROF		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
014	PLALA	CON %	06/07/2006	03	P	PLALA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
015	SINSS	CON %	06/07/2006	04	P	SINSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
016	PTLSS	CON %	06/07/2006	05	P	PTLSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
017	MATMT	CON %	06/07/2006	06	P	MATMT		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
018	ARFSS	CON %	06/07/2006	07	P	ARFSS		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
019	RUMCR	CON %	06/07/2006	08	P	RUMCR		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
020	COIMA	CON %	06/07/2006	09	P	COIMA		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
021	CIRVU	CON %	06/07/2006	10	P	CIRVU		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N
022	LACSE	CON %	06/07/2006	11	P	LACSE		RAW	ALL	CON	%	---	1.00 PL	NO	0001	0	N