

Aminopyralid for Pasture Weed Control.

Trial ID: 08-Pasture-Dow Location: SIU Beef Center

Investigator: Bryan Young, Professor, Southern Illinois University, bgyoung@siu.edu
 City State Zip Country: Carbondale IL 62901 USA
 Trial Status: FINAL Initiation Date: 05-21-08

Objectives: Evaluation of broadleaf weed control in pasture with aminopyralid and competitive products.

Crop 1: FESSS Fescue
 Planting Method: ESTABLISHED

Pest 1 Type: W	Code: TRFRE	Trifolium repens L.	clover, white
Pest 2 Type: W	Code: CIRVU	Cirsium vulgare (Savi) Ten.	thistle, bull
Pest 3 Type: W	Code: SOLCA	Solanum carolinense L.	horsenettle
Pest 4 Type: W	Code: AMBEL	Ambrosia artemisiifolia L.	ragweed, common

Plot Width, Unit: 10	FT	Site Type: PASTURE
Plot Length, Unit: 30	FT	Tillage Type: NO-TILL
Replications: 4		Study Design: Randomized Complete Block

Application Description

	A	B
Application Date:	05-21-08	06-10-08
Time of Day:	9:00	11:00
Application Method:	Spray	Spray
Application Timing:	SPRING	2-3WA"A"
Application Placement:	BROFOL	BROFOL
Applied By:	NRJ	NRJ
Air Temperature, Unit:	71 F	81 F
% Relative Humidity:	46	55
Wind Velocity, Unit:	2 MPH	3 MPH
Dew Presence (Y/N):	Y	N
Soil Temperature, Unit:	60 F	81 F
Soil Moisture:	NORMAL	NORMAL
% Cloud Cover:	0	30

	05-21-08	06-10-08
Crop stage at application:	HEAD1	HEAD1
Height Min, Max (inch):	15 25	20 30

Pest Stage At Each Application

	A	B
Application Date:	05-21-08	06-10-08
Weed Code:	TRFRE	TRFRE
Stage Majority (leaves):	25	25
Stage Min, Max:	15 30	15 30
Height Majority:	3 IN	5 IN
Height Min, Max:	2 4	4 6
Density, Unit:	1 FT2	1 FT2
Weed Code:	CIRVU	CIRVU
Stage Majority (leaves):	4	8
Stage Min, Max:	2 6	3 18
Height Majority:	4 IN	6 IN
Height Min, Max:	3 6	4 8
Density, Unit:	0.5 FT2	0.5 FT2
Weed Code:	SOLCA	SOLCA
Stage Majority (leaves):	2	6
Stage Min, Max:	2 4	4 8
Height Majority:	4 IN	8 IN
Height Min, Max:	2 6	4 12
Density, Unit:	0.1 FT2	0.2 FT2
Weed Code:	AMBEL	AMBEL
Stage Majority (leaves):	NA	NA

Application Equipment

Appl. Equipment:	CO2 sprayer	CO2 sprayer
Operating Pressure:	30 PSI	30 PSI
Nozzle Type:	Flat fan	Flat fan
Nozzle Size:	XR 8002	XR 8002
Boom Length, Unit:	7.5 FT	7.5 FT
Spray Volume, Unit:	20 GPA	20 GPA

Trial ID: 08-Pasture-Dow Location: SIU Beef Center

Pest Code
Crop Code
Rating Date
Rating Data Type
Rating Unit
Rating Timing
Trt-Eval Interval

FESSS FESSS FESSS

Injury Percent 4 WAT	Injury Percent 6 WAT	Injury Percent 8 WAT
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Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code						
1	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	SPRING	A	8	c	0	a		
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
2	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	SPRING	A	5	cd	0	a		
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
3	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	SPRING	A	38	ab	29	ab	0	a
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
4	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	SPRING	A	41	a	31	a	0	a
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
5	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	SPRING	A	39	ab	29	ab	0	a
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
6	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	SPRING	A	4	cd	0	c	0	a
6	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
7	CIMARRON MAX (MULTI-PACK)							SPRING	A	34	b	26	b	0	a
7	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	SPRING	A						
7	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	SPRING	A						
7	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A						
8	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	2-3WA"A"	B	0	d	0	c	0	a
8	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
9	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	2-3WA"A"	B	0	d	0	c	0	a
9	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
10	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	2-3WA"A"	B	3	cd	0	c	0	a
10	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
11	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	2-3WA"A"	B	6	cd	0	c	0	a
11	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
12	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	2-3WA"A"	B	4	cd	0	c	0	a
12	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
13	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	2-3WA"A"	B	0	d	0	c	0	a
13	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
14	CIMARRON MAX (MULTI-PACK)							2-3WA"A"	B	3	cd	0	c	0	a
14	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	2-3WA"A"	B						
14	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	2-3WA"A"	B						
14	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B						
LSD (P=.05)										7.0	3.4	0.0			
Replicate F										0.221	0.210	0.000			
Replicate Prob(F)										0.8814	0.8891	1.0000			
Treatment F										44.762	128.661	0.000			
Treatment Prob(F)										0.0001	0.0001	1.0000			

Means followed by same letter do not significantly differ (P=.05, LSD)

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Pest Code Crop Code Rating Date Rating Data Type Rating Unit Rating Timing Trt-Eval Interval									TRFRE	TRFRE	TRFRE	TRFRE	TRFRE
									Control Percent 4 WAT	Control Percent 6 WAT	Control Percent 8 WAT	09-30-08 Control Percent EOS	05-21-09 Control Percent 1 YAT
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	SPRING	A	99 a	99 a	99 a	96 ab
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
2	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	SPRING	A	99 a	99 a	99 a	96 ab
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
3	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	SPRING	A	99 a	99 a	99 a	93 ab
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
4	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	SPRING	A	99 a	99 a	99 a	95 ab
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
5	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	SPRING	A	99 a	99 a	99 a	96 ab
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
6	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	SPRING	A	98 ab	99 a	99 a	93 ab
6	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
7	CIMARRON MAX (MULTI-PACK)							SPRING	A	99 a	99 a	99 a	96 ab
7	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	SPRING	A				
7	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	SPRING	A				
7	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
8	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	2-3WA"A"	B	99 ab	99 a	99 a	96 ab
8	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
9	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	2-3WA"A"	B	99 a	99 a	99 a	97 ab
9	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
10	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	2-3WA"A"	B	99 a	99 a	99 a	97 a
10	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
11	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	2-3WA"A"	B	99 a	99 a	99 a	90 b
11	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
12	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	2-3WA"A"	B	99 a	99 a	99 a	97 a
12	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
13	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	2-3WA"A"	B	95 c	99 a	99 a	90 b
13	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
14	CIMARRON MAX (MULTI-PACK)							2-3WA"A"	B	97 b	99 a	99 a	95 ab
14	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	2-3WA"A"	B				
14	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	2-3WA"A"	B				
14	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
LSD (P=.05)										1.8	0.0	0.0	6.8
Replicate F										1.309	0.000	0.000	1.537
Replicate Prob(F)										0.2853	1.0000	1.0000	0.2202
Treatment F										3.631	0.000	0.000	0.972
Treatment Prob(F)										0.0009	1.0000	1.0000	0.4947

Means followed by same letter do not significantly differ (P=.05, LSD)

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Pest Code												09-30-08	05-21-09
Crop Code												Control	Control
Rating Date												Percent	Percent
Rating Data Type									Control	Control	Control	EOS	1 YAT
Rating Unit									Percent	Percent	Percent		
Rating Timing									4 WAT	6 WAT	8 WAT		
Trt-Eval Interval													
Trt	Treatment	Form	Form	Rate	Rate	Other	Other	Growth	Appl				
No.	Name	Conc	Type		Unit	Rate	Rate	Stage	Code				
1	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	SPRING	A	99	a	99	a
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
2	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	SPRING	A	99	a	99	a
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
3	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	SPRING	A	96	abc	98	b
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
4	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	SPRING	A	99	a	99	a
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
5	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	SPRING	A	99	a	99	a
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
6	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	SPRING	A	98	ab	99	a
6	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
7	CIMARRON MAX (MULTI-PACK)							SPRING	A	93	c	99	ab
7	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	SPRING	A				
7	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	SPRING	A				
7	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
8	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	2-3WA"A"	B	99	a	99	ab
8	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
9	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	2-3WA"A"	B	99	a	99	a
9	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
10	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	2-3WA"A"	B	99	a	99	a
10	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
11	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	2-3WA"A"	B	99	a	99	a
11	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
12	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	2-3WA"A"	B	99	a	99	a
12	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
13	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	2-3WA"A"	B	99	a	99	ab
13	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
14	CIMARRON MAX (MULTI-PACK)							2-3WA"A"	B	95	bc	98	ab
14	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	2-3WA"A"	B				
14	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	2-3WA"A"	B				
14	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
LSD (P=.05)										4.1	1.2	1.3	1.9
Replicate F										0.680	0.356	1.000	0.706
Replicate Prob(F)										0.5698	0.7853	0.4031	0.5543
Treatment F										1.817	0.940	1.000	1.322
Treatment Prob(F)										0.0750	0.5230	0.4697	0.2424

Means followed by same letter do not significantly differ (P=.05, LSD)

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									SOLCA	SOLCA	SOLCA	SOLCA	SOLCA
Pest Code												09-30-08	05-21-09
Crop Code												Control	Control
Rating Date												Percent	Percent
Rating Data Type									Control	Control	Control	EOS	1 YAT
Rating Unit									Percent	Percent	Percent		
Rating Timing									4 WAT	6 WAT	8 WAT		
Trt-Eval Interval													
Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	SPRING	A	98 a	99 a	99 a	99 a
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				98 a
2	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	SPRING	A	95 ab	97 abc	98 ab	99 a
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				99 a
3	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	SPRING	A	97 a	98 ab	96 abc	96 ab
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				99 a
4	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	SPRING	A	99 a	97 abc	95 abc	96 ab
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				97 a
5	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	SPRING	A	99 a	99 a	98 ab	97 ab
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				98 a
6	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	SPRING	A	89 bc	94 abc	97 abc	97 ab
6	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				98 a
7	CIMARRON MAX (MULTI-PACK)							SPRING	A	93 ab	95 abc	95 abc	97 ab
7	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	SPRING	A				98 a
7	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	SPRING	A				
7	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
8	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	2-3WA"A"	B	97 a	95 abc	97 abc	97 ab
8	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				97 a
9	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	2-3WA"A"	B	83 c	83 bc	97 abc	98 ab
9	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				98 a
10	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	2-3WA"A"	B	94 ab	98 ab	99 ab	99 a
10	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				98 a
11	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	2-3WA"A"	B	95 ab	82 c	96 abc	97 ab
11	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				99 a
12	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	2-3WA"A"	B	98 a	99 a	99 ab	99 a
12	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				99 a
13	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	2-3WA"A"	B	92 ab	92 abc	95 bc	97 ab
13	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				97 a
14	CIMARRON MAX (MULTI-PACK)							2-3WA"A"	B	96 ab	91 abc	93 c	95 b
14	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	2-3WA"A"	B				97 a
14	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	2-3WA"A"	B				
14	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
LSD (P=.05)										7.5	15.0	4.5	3.4
Replicate F										5.855	3.350	0.269	2.468
Replicate Prob(F)										0.0021	0.0286	0.8471	0.0763
Treatment F										2.915	1.043	1.337	1.137
Treatment Prob(F)										0.0049	0.4334	0.2341	0.3596
													0.9146

Means followed by same letter do not significantly differ (P=.05, LSD)

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Pest Code	AMBEL	AMBEL	AMBEL	AMBEL
Crop Code				
Rating Date	07-22-08	08-05-08	09-30-08	05-21-09
Rating Data Type	Control	Control	Control	Control
Rating Unit	Percent	Percent	Percent	Percent
Rating Timing			EOS	1 YAT
Trt-Eval Interval	42 DA-B	56 DA-B		

Trt No.	Treatment Name	Form Conc	Form Type	Rate	Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code				
1	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	SPRING	A	99 a	99 a	99 a	96 a
1	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
2	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	SPRING	A	99 a	99 a	99 a	97 a
2	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
3	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	SPRING	A	99 a	99 a	99 a	97 a
3	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
4	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	SPRING	A	99 a	99 a	99 a	96 a
4	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
5	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	SPRING	A	99 a	99 a	99 a	97 a
5	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
6	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	SPRING	A	99 a	99 a	99 a	98 a
6	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
7	CIMARRON MAX (MULTI-PACK)							SPRING	A	99 a	99 a	99 a	98 a
7	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	SPRING	A				
7	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	SPRING	A				
7	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	SPRING	A				
8	FOREFRONT R&P	3	SL	0.56	lb ae/a	1.5	pt/a	2-3WA"A"	B	99 a	99 a	99 a	98 a
8	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
9	FOREFRONT R&P	3	SL	0.75	lb ae/a	2	pt/a	2-3WA"A"	B	99 a	99 a	99 a	96 a
9	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
10	GF-2050	62	WG	0.058	lb ae/a	1.5	oz/a	2-3WA"A"	B	99 b	98 b	98 b	93 ab
10	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
11	GF-2050	62	WG	0.0775	lb ae/a	2	oz/a	2-3WA"A"	B	99 a	99 a	99 a	92 ab
11	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
12	GF-2050	62	WG	0.097	lb ae/a	2.5	oz/a	2-3WA"A"	B	99 a	99 a	99 a	95 a
12	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
13	WEEDMASTER	3.87	SL	0.97	lb ae/a	2	pt/a	2-3WA"A"	B	99 a	99 a	99 a	97 a
13	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
14	CIMARRON MAX (MULTI-PACK)							2-3WA"A"	B	99 a	98 b	99 a	86 b
14	CIMARRON MAX PART A	60	WG	0.0094	lb ai/a	0.25	oz/a	2-3WA"A"	B				
14	CIMARRON MAX PART B	3.87	SL	0.484	lb ae/a	1	pt/a	2-3WA"A"	B				
14	ACTIVATOR 90	100	SL	0.25	% v/v	0.25	% v/v	2-3WA"A"	B				
LSD (P=.05)										0.2	0.5	0.6	6.9
Replicate F										1.000	1.721	0.688	3.689
Replicate Prob(F)										0.4031	0.1786	0.5648	0.0198
Treatment F										1.000	2.382	1.780	1.763
Treatment Prob(F)										0.4697	0.0183	0.0822	0.0856

Means followed by same letter do not significantly differ (P=.05, LSD)

Trial Comments

1. Protocol: Dow AgroSciences (NA08L1B002).
2. WC at 4, 6 + 8 WAT; WC at end of season and 1 YAT.
3. Provide residual control estimates for summer annual weeds if possible.
4. WAT = Weeks after the SPRING or 2-3WA"A" application. DA-B = Days after the 2-3WA"A" application.
EOS = End of season. YAT = Year after treatment.
Ratings at 4 WAT were on 06-18-08 and 07-08-08 for the SPRING and 2-3WA"A" applications, respectively.
Ratings at 6 WAT were on 07-02-08 and 07-22-08 for the SPRING and 2-3WA"A" applications, respectively.
Ratings at 8 WAT were on 07-16-08 and 08-05-08 for the SPRING and 2-3WA"A" applications, respectively.
5. AMBEL emerged in nontreated strips after the 07-16-08 rating.
For AMBEL, both the "A" and "B" applications (all treatments) were rated on the same dates.