



# North Carolina State University

## Tolerance of Tifway Bermudagrass to Postemergence Herbicides

Trial ID: 02-T40

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

### APPLICATION EQUIPMENT

	<b>A</b>
<b>Appl. Equipment:</b>	CO2 Spray
<b>Operating Pressure:</b>	36 PSI
<b>Nozzle Type:</b>	Flat Fan
<b>Nozzle Size:</b>	8002 XR
<b>Nozzle Spacing, Unit:</b>	10 Inch
<b>Boom Height, Unit:</b>	10 Inch
<b>Ground Speed, Unit:</b>	3 MPH
<b>Carrier:</b>	Water
<b>Spray Volume, Unit:</b>	32.5 GPA
<b>Propellant:</b>	Compr.CO2

# North Carolina State University

## Tolerance of Tifway Bermudagrass to Postemergence Herbicides

Trial ID: 02-T40

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

Crop Code							CYNDA	CYNDA	CYNDA			
Rating Data Type							QUALITY	QUALITY	QUALITY			
Rating Unit							1-9	1-9	1-9			
Rating Date							09-20-02	09-24-02	10-04-02			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Product Rate	Product Unit	Grow Stg	Appl Code				
1	F8426 X-77	L	L	2.33 FL OZ/A			Post	A	6.375 a	7.00 a	7.00 a	
				0.25 % V/V			Post	A				
2	F8426 X-77	L	L	4.66 FL OZ/A			Post	A	5.750 b	7.00 a	7.00 a	
				0.25 % V/V			Post	A				
3	F8426 X-77	L	L	9.32 FL OZ/A			Post	A	5.000 c	7.00 a	7.00 a	
				0.25 % V/V			Post	A				
4	F8426 Trimec Classic X-77	L	L	4.66 FL OZ/A			Post	A	3.750 d	3.00 b	3.75 c	
		3.32	L	7.0 PT/A			Post	A				
			L	0.25 % V/V			Post	A				
5	F8426 Horsepower X-77	L	EC	4.66 FL OZ/A			Post	A	3.438 d	3.00 b	4.38 b	
		4.5	L	5.0 PT/A			Post	A				
			L	0.25 % V/V			Post	A				
6	F8426 Chaser 2 Amine X-77	L	EC	4.66 FL OZ/A			Post	A	3.625 d	2.75 c	3.00 d	
			L	5.0 PT/A			Post	A				
			L	0.25 % V/V			Post	A				
7	F8426 Turflon Ester X-77	L	EC	4.66 FL OZ/A			Post	A	3.625 d	2.63 c	2.75 d	
			L	2.0 PT/A			Post	A				
			L	0.25 % V/V			Post	A				
8	Nontreated									6.875 a	7.00 a	7.00 a
LSD (P=.05)							0.5568	0.207	0.422			
Standard Deviation							0.3786	0.140	0.287			
CV							7.88	2.85	5.48			
Bartlett's X2							10.614	0.061	1.708			
P(Bartlett's X2)							0.156	0.806	0.426			
Replicate F							2.412	0.396	1.869			
Replicate Prob(F)							0.0954	0.7571	0.1658			
Treatment F							53.620	1004.321	184.710			
Treatment Prob(F)							0.0001	0.0001	0.0001			

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



# North Carolina State University

## Tolerance of Tifway Bermudagrass to Postemergence Herbicides

Trial ID: 02-T40

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

Trial Comments