

North Carolina State University

Cato/Crenshaw Tolerance to Single and Repeat Applications of TranXit 25 DF

Trial ID: 01-T63

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

APPLICATION EQUIPMENT

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

North Carolina State University

Cato/Crenshaw Tolerance to Single and Repeat Applications of TranXit 25 DF

Trial ID: 01-T63

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

Crop Code								AGRPA	AGRPA	AGRPA	AGRPA			
Rating Data Type								QUALITY	QUALITY	QUALITY	QUALITY			
Rating Unit								1-9	1-9	1-9	1-9			
Rating Date								12-21-01	01-17-02	02-05-02	04-09-02			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Form Unit	Product Rate	Product Unit	Grow Stg	Appl Code					
1	TranXit X-77	25	DF	0.5	OZ/A			Post	A	7.0 a	6.063 b	2.25 b	4.938 b	
		L		0.25	% V/V			Post	A					
2	TranXit X-77	25	DF	0.5	OZ/A			Post	A	7.0 a	6.125 b	2.38 b	3.938 c	
		L		0.25	% V/V			Post	A					
	TranXit X-77	25	DF	0.5	OZ/A			3 Weeks	B					
		L		0.25	% V/V			3 Weeks	B					
3	TranXit X-77	25	DF	1.0	OZ/A			Post	A	7.0 a	6.125 b	2.50 b	4.188 c	
		L		0.25	% V/V			Post	A					
4	TranXit X-77	25	DF	1.0	OZ/A			Post	A	7.0 a	6.000 b	2.13 b	3.125 d	
		L		0.25	% V/V			Post	A					
	TranXit X-77	25	DF	1.0	OZ/A			3 Weeks	B					
		L		0.25	% V/V			3 Weeks	B					
5	TranXit X-77	25	DF	2.0	OZ/A			Post	A	7.0 a	6.063 b	2.13 b	3.063 d	
		L		0.25	% V/V			Post	A					
6	Nontreated										7.0 a	7.000 a	7.00 a	6.563 a
LSD (P=.05)								0.00	0.3552	0.395	0.5778			
Standard Deviation								0.00	0.2357	0.262	0.3835			
CV								0.0	3.78	8.56	8.91			
Bartlett's X2								0.0	1.765	1.14	13.718			
P(Bartlett's X2)								0.00*	0.779	0.888	0.018*			
Replicate F								0.000	0.063	1.364	3.040			
Replicate Prob(F)								1.0000	0.9788	0.2919	0.0616			
Treatment F								0.000	10.425	217.727	46.686			
Treatment Prob(F)								1.0000	0.0002	0.0001	0.0001			

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

North Carolina State University

Cato/Crenshaw Tolerance to Single and Repeat Applications of TranXit 25 DF

Trial ID: 01-T63

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

Crop Code								AGRPA	AGRPA			
Rating Data Type								QUALITY	QUALITY			
Rating Unit								1-9	1-9			
Rating Date								05-08-02	06-14-02			
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Product Rate	Product Unit	Grow Stg	Appl Code			
1	TranXit X-77	25	DF L	0.5	OZ/A % V/V			Post Post	A A	6.938 a	7.000 a	
2	TranXit X-77	25	DF L	0.5	OZ/A % V/V			Post Post	A A	6.625 b	6.938 a	
	TranXit X-77	25	DF L	0.5	OZ/A % V/V			3 Weeks 3 Weeks	B B			
3	TranXit X-77	25	DF L	1.0	OZ/A % V/V			Post Post	A A	6.813 ab	7.000 a	
4	TranXit X-77	25	DF L	1.0	OZ/A % V/V			Post Post	A A	6.125 c	6.625 b	
	TranXit X-77	25	DF L	1.0	OZ/A % V/V			3 Weeks 3 Weeks	B B			
5	TranXit X-77	25	DF L	2.0	OZ/A % V/V			Post Post	A A	6.000 c	6.563 b	
6	Nontreated										7.000 a	7.000 a
LSD (P=.05)								0.2543	0.2863			
Standard Deviation								0.1687	0.1900			
CV								2.56	2.77			
Bartlett's X2								1.911	5.366			
P(Bartlett's X2)								0.752	0.068			
Replicate F								1.951	1.058			
Replicate Prob(F)								0.1648	0.3962			
Treatment F								25.390	4.615			
Treatment Prob(F)								0.0001	0.0095			

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

North Carolina State University

Cato/Crenshaw Tolerance to Single and Repeat Applications of TranXit 25 DF

Trial ID: 01-T63

Study Dir.: Jason Hinton

Location: NCSU Turf Field Lab Investigator: Fred Yelverton

Trial Comments