

North Carolina State University

Tolerance of Seashore Paspalum to Flazasulfuron

Trial ID: 02-D19

Study Dir.: Travis Gannon

Location: Sandhills Station

Investigator: Fred Yelverton

APPLICATION EQUIPMENT

	A	B
Appl. Equipment:	CO2 SPRAY	CO2 SPRAY
Operating Pressure:	42 PSI	42 PSI
Nozzle Type:	FLAT FAN	FLAT FAN
Nozzle Size:	VS8002XR	VS8002XR
Nozzle Spacing, Unit:	10 INCH	10 INCH
Nozzles/Row:	4	4
Boom Length, Unit:	40 INCH	40 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:	COMP. CO2	COMP. CO2

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Crop Code								PASVA	PASVA	PASVA		
Rating Data Type								GREENUP	GREENUP	PHYTO		
Rating Unit								%	%	%		
Rating Date								06-19-02	07-01-02	04-10-02		
Trt-Eval Interval								78 DA-A	90 DA-A	8 DA-A		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code			
1	Flazasulfuron X-77	25	DG L	1.5	OZ/A % V/V			APRIL 1 A APRIL 1 A	A	92.5 a	90.0 a	0.0 a
2	Flazasulfuron X-77	25	DG L	1.5	OZ/A % V/V			JUNE 15 B JUNE 15 B	B	93.8 a	88.8 a	0.0 a
3	Flazasulfuron X-77	25	DG L	2.25	OZ/A % V/V			APRIL 1 A APRIL 1 A	A	88.8 a	83.8 b	0.0 a
4	Flazasulfuron X-77	25	DG L	2.25	OZ/A % V/V			JUNE 15 B JUNE 15 B	B	90.0 a	87.5 ab	0.0 a
5	Flazasulfuron X-77	25	DG L	3	OZ/A % V/V			APRIL 1 A APRIL 1 A	A	93.8 a	90.0 a	0.0 a
6	Flazasulfuron X-77	25	DG L	3	OZ/A % V/V			JUNE 15 B JUNE 15 B	B	92.5 a	90.0 a	0.0 a
7	Millenium Ultra		L	2.5	PT/A			APRIL 1 A	A	92.5 a	90.0 a	0.0 a
8	Trimec Classic		L	3.5	PT/A			APRIL 1 A	A	92.5 a	90.0 a	0.0 a
9	Horsepower	4.56	L	3	PT/A			APRIL 1 A	A	91.3 a	87.5 ab	0.0 a
10	Millenium Ultra		L	2.5	PT/A			JUNE 15 B	B	92.5 a	90.0 a	0.0 a
11	Trimec		L	3.5	PT/A			JUNE 15 B	B	88.8 a	86.3 ab	0.0 a
12	Horsepower	4.56	L	3	PT/A			JUNE 15 B	B	88.8 a	86.3 ab	0.0 a
13	Nontreated									90.0 a	87.5 ab	0.0 a
LSD (P=.05)								5.37	3.75	0.00		
Standard Deviation								3.76	2.63	0.00		
CV								4.11	2.97	0.0		
Bartlett's X2								9.297	3.478	0.0		
P(Bartlett's X2)								0.677	0.838	0.00*		
Replicate F								1.860	4.930	0.000		
Replicate Prob(F)								0.1538	0.0057	1.0000		
Treatment F								0.992	2.349	0.000		
Treatment Prob(F)								0.4748	0.0239	1.0000		

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

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Crop Code								PASVA	PASVA		
Rating Data Type								PHYTO	PHYTO		
Rating Unit								%	%		
Rating Date								07-26-02	08-13-02		
Trt-Eval Interval								115 DA-A	133 DA-A		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Product Rate	Product Unit	Grow Stg	Appl Code		
1	Flazasulfuron X-77	25	DG L	1.5	OZ/A % V/V			APRIL 1 A APRIL 1 A	A	0.0 a	0.0 a
2	Flazasulfuron X-77	25	DG L	1.5	OZ/A % V/V			JUNE 15 B JUNE 15 B	B	0.0 a	0.0 a
3	Flazasulfuron X-77	25	DG L	2.25	OZ/A % V/V			APRIL 1 A APRIL 1 A	A	0.0 a	0.0 a
4	Flazasulfuron X-77	25	DG L	2.25	OZ/A % V/V			JUNE 15 B JUNE 15 B	B	0.0 a	0.0 a
5	Flazasulfuron X-77	25	DG L	3	OZ/A % V/V			APRIL 1 A APRIL 1 A	A	0.0 a	0.0 a
6	Flazasulfuron X-77	25	DG L	3	OZ/A % V/V			JUNE 15 B JUNE 15 B	B	0.0 a	0.0 a
7	Millenium Ultra		L	2.5	PT/A			APRIL 1 A	A	0.0 a	0.0 a
8	Trimec Classic		L	3.5	PT/A			APRIL 1 A	A	0.0 a	0.0 a
9	Horsepower	4.56	L	3	PT/A			APRIL 1 A	A	0.0 a	0.0 a
10	Millenium Ultra		L	2.5	PT/A			JUNE 15 B	B	0.0 a	0.0 a
11	Trimec		L	3.5	PT/A			JUNE 15 B	B	0.0 a	0.0 a
12	Horsepower	4.56	L	3	PT/A			JUNE 15 B	B	0.0 a	0.0 a
13	Nontreated									0.0 a	0.0 a
LSD (P=.05)								0.00		0.00	
Standard Deviation								0.00		0.00	
CV								0.0		0.0	
Bartlett's X2								0.0		0.0	
P(Bartlett's X2)								0.00*		0.00*	
Replicate F								0.000		0.000	
Replicate Prob(F)								1.0000		1.0000	
Treatment F								0.000		0.000	
Treatment Prob(F)								1.0000		1.0000	

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

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Trial Comments

6-19-02 - reductions in greenup continue to be from droughty conditions.