



# North Carolina State University

**Primo MAXX and Trimmit 2SC for Management of Poa annua in Bentgrass Greens**

Trial ID: 02-T17

Study Dir.: Jason Hinton

Location: Sandhills Research Investigator: Fred Yelverton

## WEED STAGE AT EACH APPLICATION

	A	B	C	D
<b>Weed 1 Code, Stage:</b>	POAAN Seedhead	POAAN Seedhead	POAAN Seedhead	POAAN Seedhead
<b>Density, Unit:</b>	60 %	60 %	60 %	60 %

  

	E	F	G
<b>Weed 1 Code, Stage:</b>	POAAN Seedhead	POAAN Seedhead	POAAN Seedhead
<b>Density, Unit:</b>	60 %	60 %	60 %

## APPLICATION EQUIPMENT

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

Trt No	Treatment Application Comment
	Trial ended soon after 7-12-02 due to death of bentgrass and Poa annua.





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								TURF QUALITY	TURF QUALITY	TURF QUALITY		
								1-9	1-9	1-9		
								05-01-02	05-16-02	05-31-02		
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Rate Unit	Product Rate	Product Rate Unit	Grow Stg	Appl Code			
1	Trimmit	2	SC	0.368	OZ/1000 FT2			Spring	A	6.438 ab	6.938 ab	6.625 b
	Trimmit	2	SC	0.184	OZ/1000 FT2			4 Weeks	C			
	Trimmit	2	SC	0.184	OZ/1000 FT2			8 Weeks	E			
	Trimmit	2	SC	0.184	OZ/1000 FT2			12 Weeks	G			
2	Primo MAXX	1	EC	0.15	OZ/1000 FT2			Spring	A	6.875 a	6.938 ab	7.000 a
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			4 Weeks	C			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			8 Weeks	E			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			12 Weeks	G			
3	Trimmit	2	SC	0.368	OZ/1000 FT2			Spring	A	5.875 bc	6.813 ab	7.000 a
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			4 Weeks	C			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			8 Weeks	E			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			12 Weeks	G			
4	Trimmit	2	SC	0.368	OZ/1000 FT2			Spring	A	5.438 c	6.813 ab	6.500 b
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			Spring	A			
	Trimmit	2	SC	0.184	OZ/1000 FT2			4 Weeks	C			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			4 Weeks	C			
	Trimmit	2	SC	0.184	OZ/1000 FT2			8 Weeks	E			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			8 Weeks	E			
	Trimmit	2	SC	0.184	OZ/1000 FT2			12 Weeks	G			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			12 Weeks	G			
5	Trimmit	2	SC	0.368	OZ/1000 FT2			Spring	A	5.938 bc	6.688 b	6.688 ab
	Banner MAXX	1	L	2.0	OZ/1000 FT2			2 Weeks	B			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			4 Weeks	C			
	Banner MAXX	1	L	2.0	OZ/1000 FT2			6 Weeks	D			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			8 Weeks	E			
	Banner MAXX	1	L	2.0	OZ/1000 FT2			10 Weeks	F			
	Primo MAXX	1	EC	0.15	OZ/1000 FT2			12 Weeks	G			
6	Nontreated									7.000 a	7.000 a	7.000 a
LSD (P=.05)								0.6212	0.2504	0.3456		
Standard Deviation								0.4123	0.1661	0.2294		
CV								6.59	2.42	3.37		
Bartlett's X2								8.062	3.488	2.493		
P(Bartlett's X2)								0.089	0.48	0.288		
Replicate F								0.424	3.868	1.238		
Replicate Prob(F)								0.7387	0.0312	0.3309		
Treatment F								8.877	1.906	3.851		
Treatment Prob(F)								0.0004	0.1531	0.0191		

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



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Trial Comments