

2013 Penn State Anthracnose Trial

Synopsis

Field study aimed at evaluating CIVITAS + Harmonizer alone and as part of tank mix programs on control of anthracnose. Applications were made every 14 d throughout the trial. CIVITAS + Harmonizer, alone and as part of tank mix programs, resulted in significant reduction in anthracnose severity.

2013 Penn State Anthracnose Study – *Poa annua* putting green

Program ²	Treatment	Rate/1000 sq ft	Interval	Disease Severity ¹				
				12-Jul ³	19-Jul	26-Jul	4-Aug	17-Aug
1	CIVITAS ONE	14.5 oz	14 d	1.3 a	1.7 de	1 d	0.7 g	0.3 bc
	Chlorothalonil	3.25 oz	14 d					
	30-0-0 (N)	6 oz	14 d					
	0-28-26 (phosphite)	3 oz	14 d					
2	CIVITAS ONE	8.5 oz	14 d	0.7 a	2 cde	1.3 cd	0.7 g	0 c
	Chlorothalonil	3.5 oz	14 d					
	30-0-0 (N)	6 oz	14 d					
	0-28-26 (phosphite)	3 oz	14 d					
3	CIVITAS ONE	14.5 oz	14 d	1.7 a	1.7 de	1.7 cd	2 efg	0 c
4	CIVITAS ONE	8.5 oz	14 d	3 a	3.3 bcd	2.3 bcd	3.7 bcd	2.7 ab
5	CIVITAS ONE	8.5 oz	14 d	1.3 a	1.3 e	1 d	1.7 efg	0.3 bc
	Phosphite	10 oz	14 d					
6	Phosphite	10 oz	14 d	1.3 a	3.3 bcd	2 bcd	4.3 bc	2.3 bc
7	Non-treated	-	-	4 a	6.3 a	6.3 a	6.7 a	5 a

¹Disease Severity Index 0 – 10; 0=turf asymptomatic; 10=>90% turf area symptomatic. Means of 3 replications.

²Tank-mix shown as single treatment number. Programs initiated June 28 and continued until August 14.

³Means within columns followed by same letter do not significantly differ (P=0.05, Waller-Duncan k=100)