Red Thread (*Laetisaria fuciformis*)

This study was set up on a ryegrass fairway height turf at Hancock Turfgrass Research Center, E. Lansing, MI. The study consisted of 4 replicates of each treatment set up in a randomized complete block design with plots measuring 6' x 6' with 1' alleys. Treatments were applied curatively using a CO_2 backpack sprayer at 48 GPA and 34 PSI with two 8002E flat fan nozzles. A pre-treatment rating was taken on 5/31/00 (Table 2). Treatments were applied for the first time on 5/31/00 after the rating was taken. The 14-day treatments were reapplied on 6/14, 6/28, 7/12, and 7/26, and the 21-day treatments were reapplied on 6/22 and 7/12. The two Compass treatments that received only one application were sprayed on 5/31/00. Fertilizer was applied as follows: 6/27 (1/8#N), 6/30 (1/4#N), 7/20 (1/4#N), and 8/2 (1/8#N). Plots were rated for % area infected. Percent recovery was calculated based on the initial 5/31/00 ratings, and these means are presented in Table 7. Data were analyzed with ANOVA and means separated with LSD (p=0.05) (see Table 7).

All of the treatments tested in this study provided significant red thread management compared to the untreated control at some point during this trial. Chipco 26GT, both Chipco Triton treatments, and both TADS treatments provided greater than 90% recovery by the end of the study.

Table 7. Mean % improvement in red thread (difference between 5/31 initial rating and rating date listed below.)

Treatment Rate/1000 ft^2	Interval (Days)	Mean[a] 6/8	Mean 6/23	Mean 7/6	Mean 8/2
Chipco 26GT 4.0 fl oz	14	27.1a	75.4 a	97.5 a	100 a
Chipco Triton 1.0 fl oz	21	-10 a	50.4 a	97.5 a	100 a
TADS 12529 8.5g	21	-42.5 ab	17.9 a	91.6 a	100 a
Chipco Triton 0.5 fl oz	21	4.2 a	54.2 a	83.3 a	100 a
TADS 12529 4.25g	21	-10.7a	33.3 a	82.4 a	91.7 a
Banner Maxx 2.0 fl oz	21	-17.5 ab	10.0 a	48.4 a	47.1 a
Compass 50 WG 0.1 oz	1 app	33.3 a	36.7 a	16.7 a	9.2 a
Compass 50 WG 0.15 oz	1 app	19.6 a	66.8 a	-27.9 a	-50 ab
Control	--	-97.5 b	-122.5 b	-385 b	-265 b

[a] Means followed by the same letter do not significantly differ (LSD, p=0.05).