

Yellow Tuft

This trial was conducted on a Penncross creeping bentgrass green at the Hancock Turfgrass Research Center, E. Lansing, MI. The plot area was mowed at 0.150". Fertility was maintained as needed. The study was set up in a randomized complete block design with four replications of each treatment. Plots measured 2' x 6'. Treatments were applied at 36 PSI in a 1 gal/1000 sq ft spray volume using a CO₂ backpack sprayer and a single 8002E Tee-Jet flat fan nozzle. Initial treatment application was made on July 12. Re-applications of treatments on a 14 day schedule were made on 7/27, 8/9, 8/23, 9/7 and 9/20; 21 day schedule on 8/2, 8/30, and 9/13; and 28 day schedule on 8/9 and 9/7. Percent plot area with yellow tuft was visually estimated, and the means are reported in Table 17. Data were analyzed using ANOVA and means separated by LSD (p= 0.05).

Insignia and Subdue Maxx provided statistically significant control of yellow tuft compared to the untreated control plots. As disease continued to increase in the untreated plots, disease remained stable in the Insignia and Subdue Maxx plots. No phytotoxicity was observed.

Table 17. Yellow Tuft 2004

Location: Hancock Turf Research Center, E. Lansing, MI.

Rating Scale: Percent plot area with yellow tuft.

		8-Sep	22-Sep
Treatment and Rate/1000 sq ft	Interval (Days)	Mean^{a,b}	Mean^{a,b}
Insignia 0.9 oz	14	0.7 b	0.9 c
Subdue Maxx 1 fl oz	21	1.3 b	1.0 c
Insignia 0.5 oz	14	2.1 b	2.8 bc
Heritage 0.4 oz	28	2.8 ab	6.3 ab
Control	---	5.0 a	8.0 a

^a Mean of 4 replicate plots.

^b Treatment means followed by the same letter do not significantly differ (LSD, p=0.05).

Necrotic Ring Spot

This trial was conducted on a Kentucky bluegrass stand mowed at 3" at the Hancock Turfgrass Research Center, E. Lansing, MI. The study was set up in a randomized complete block design with four replicates of each treatment. Plots measured 6' x 6'. Treatments were applied at 36 PSI in a 2 gal/1000 sq ft spray volume using a CO₂ backpack sprayer and a single 8002E Tee-Jet flat fan nozzle. Fertilizer was applied to all fungicide-treated plots (not Ringer Turf Restore plots, fertilized or unfertilized controls) at ¼ lb N/1000 sq ft on the following dates: 5/19, 6/2, 6/16, 6/30, 7/15, 7/26, 8/12. A ½ lb fertilizer application was made on 9/15. Irrigation was applied on a daily basis. Initial treatment applications were made on May 19 with