

The systemic fungicides will give excellent control of *Sclerotinia dollar* spot when applied on a bi-weekly basis. However, as mentioned above they should not be recommended on an exclusive basis. Tables 1 and 2.

SNOWMOLD FUNGICIDE STUDY

The 1971-72 snow mold fungicide study was conducted on 'penncross' creeping bentgrass in Harbor Spring, Michigan. The snow mold was extremely severe because of the warm fall which left the ground unfrozen before the first permanent snowfall. The plots were 8 x 8 ft and replicated 4 times in a random block design. The fungicides were applied with either a 15 gallon John Bean Spartan Sprayer or a 2 foot Scott's spreader.

The results (Table 4) show that both the wettable powder and granular formulation of Tersan SP and wettable powder formulation of Triarimol effectively controlled Typhula blight (gray snowmold) Typhula itoana. The triarimol was not effective in controlling Fusarium patch (Pink snowmold) Fusarium nivale

Conclusion:

Tersan SP and Triarimol are the only non-mecurial fungicides which effectively control Typhula blight under the severe weather conditions of northern Michigan. Triarimol appears very specific for Typhula blight, which is the major pathogen in this area. The fact that Fusarium patch occurred in the Triarimol and not in the Tersan S. P. plots suggests that Tersan S. P. may be effective against Fusarium Patch as well as Typhula blight. However, further testing is needed before a proper evaluation can be made.

Table 4. The average percent Typhula blight present (except where indicated otherwise) in the 1971-72 Fungicide Trials

Treatment	Rate/1000 sq. ft.	Ave. % snow mold ^a
Tersan SP (WP)	9 oz	7.5 a
Tersan SP (GR)	5 lbs	7.5 a
Tersan SP (GR)	3.5 lbs	11.25 a b
Triarimol	8 oz	20.0 ^b a b
Tersan SP (WP)	6 oz	22.5 a b
Triarimol	4 oz	35.0 ^c b
Topsin-M (GR)	1.75 lbs	96.25 c
Topsin-Actidione-Thiram (GR)	3.5 lbs	97.5 c
Topsin-M (GR)	3.5 lbs	97.5 c
Topsin (WP)	4 oz	97.5 c
Topsin (WP)	8 oz	98.75 c
Topsin-Actidione-Thiram (GR)	1.75 lbs	100.0 c
Actidione-Thiram (GR)	3.5 lbs	100.0 c
Actidione-Thiram (GR)	1.75 lbs	100.0 c
Check	----	100.0 c

a

Treatments followed by the same letter are not significantly different at the 5% level

b

Infection caused by Fusarium nivale (Fusarium Patch)

c

Infection caused by Typhula and Fusarium