

Fungicide Report

The basis for this report on turf fungicides is simple and to the point. WEEDS TREES & TURF went to the major manufacturers and asked them "what do you have on the market and what can it control?" The checklist we have prepared follows.

Mallinckrodt, Inc., St. Louis, Mo., manufactures a number of fungicides. Cadminate can control dollar spot, gray snow mold, copper spot and red thread. Calo-Clor can control brown patch, dollar spot and snow mold. Calo-Gran can control snow mold. Fungo 50 can control brown patch, dollar spot, copper spot, red thread, *Fusarium* patch, *Fusarium* blight and stripe smut. Koban can control *Pythium* blight, cottony blight, grease spot, spot blight and damping-off. Kromad can control brown patch, dollar spot, red thread, copper spot, *Helminthosporium* leaf spot and *Curvularia* leaf spot. Thiramad can control brown patch, dollar spot and snow mold.

Scotts ProTurf, Marysville, Ohio manufactures nine fungicides. ProTurf Fertilizer Plus DSB Fungicide can control dollar spot, brown patch and *Fusarium* patch. ProTurf Broad Spectrum Fungicide can control brown patch, red thread, copper spot, dollar spot, snow mold, leaf spot, *Fusarium* patch and moss. ProTurf Fertilizer Plus Fungicide can control brown patch, red thread, *Fusarium* patch, snow mold, dollar spot, leaf spot, copper spot and moss. ProTurf 101V Broad Spectrum Fungicide can control *Helminthosporium* leaf spot, dollar spot, brown patch, copper spot, *Curvularia* leaf spot, rust, *Alternaria* leaf spot in dichondra, and *Gleospodium* in dichondra.

ProTurf Fungicide III can control brown patch, dollar spot, leaf spot, red leaf spot, melting-out, gray

snow mold, copper dichondra and rust.

ProTurf Fungicide II can control *Pythium* blight and gray snow mold. ProTurf FF II can control stripe smut, leaf spot, brown patch on St. Augustine grass, bahiagrass and centipedegrass, rust, snow mold and dollar spot. It is not for use on bentgrass, zoysiagrass and dichondra, and it contains fertilizer.

ProTurf Systemic Fungicide can control brown patch, dollar spot and copper spot. ProTurf California Fertilizer Plus Fungicide can control brown patch, red thread, *Fusarium* patch, dollar spot, snow mold, leaf spot, copper spot and moss.

TUCO, Division of Upjohn Co., Kalamazoo, Mich., manufactures Acti-dione TGF, Acti-dione Thiram and Acti-dione RZ.

Acti-dione TGF can control dollar spot, melting-out, fading-out, rust, powdery mildew and leaf spot. Acti-dione Thiram can control dollar spot, fading-out, gray leaf spot, *Helminthosporium* leaf spot, large brown patch, melting-out, pink patch, powdery mildew, rust and snow mold. Acti-dione RZ can control large brown patch, melting-out, rust, dollar spot, fading-out, grease spot, powdery mildew, *Helminthosporium* leaf spot and gray leaf spot.

Rhodia, Inc., Monmouth Junction, N.J., manufactures three products from its Agricultural Division for control of turf diseases.

Chipco Thiram 75 can control large brown patch, dollar spot and gray snow mold. Chipco Spot Kleen can control dollar spot, copper spot, large brown patch, *Fusarium* blight and stripe smut. Chipco Microgreen Liquid is a blend of iron, zinc, manganese and copper and it corrects turf yellowing, or chlorosis, caused by metal nutrient deficiencies.

Rohm and Haas Co., Philadelphia, manufactures Fore for turf and ornamentals. It can control 10 turf diseases, including copper spot, *Fusarium* blight, red thread, slime mold, *Helminthosporium* melting-out, *Rhizoctonia* brown patch, rust, *Pythium*, dollar spot, *Fusarium* snow mold and algae.

W. A. Cleary Corp., Somerset, N.J., manufactures nine fungicides. 3336 Systemic Turf Fungicide can control dollar spot, copper spot, brown patch, red thread, *Helminthosporium*, *Fusarium roseum*, and stripe smut.

Bromasan is a blend of 3336 and thiram and can control *Rhizoctonia* and *Helminthosporium* and can give excellent control of dollar spot and copper spot.

Caddy can control dollar spot and copper spot. It has also been successful in controlling snow mold, the company reports.

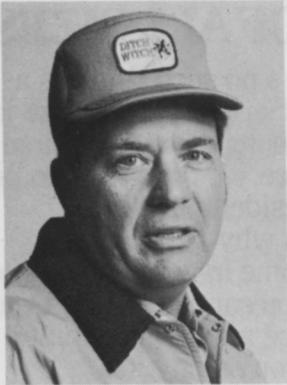
Granular Turf Fungicide can control snow mold, copper spot, dollar spot, leaf spot and brown patch.

PMAS (10&%) is a dual purpose herbicide/fungicide that can control dollar spot, snow mold, copper spot and brown patch. Cad-Trete can prevent and control dollar spot, copper spot, snow mold, brown patch and *Helminthosporium*.

Spotrete is a wettable powder fungicide that can control dollar spot, brown patch, large brown patch and snow mold.

Spectro can control dollar spot, copper spot, brown patch and leaf spot. Sno-Chek can control snow mold.

Diamond Shamrock Corp., Cleveland manufactures Daconil 2787. It can control copper spot, dollar spot, brown patch, leaf spot,



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melting-out, going-out, leaf blotch, gray leaf spot, stem rust, *Curvularia* fading-out and leaf spot.

Chemagro Agricultural Division of Mobay Chemical Corp., Kansas City, Mo. manufactures Dyrene and Dexon.

Dyrene can control brown patch, copper spot, dollar spot, leaf spot, melting-out, rust and snow mold. Dexon can control cottony blight.

Du Pont Co., Wilmington, Del. manufactures Tersan 75, Tersan 1991, Tersan LSR and Tersan SP. Tersan 75 can prevent and control large brown patch, dollar spot and snow mold.

Tersan 1991 is recommended for control of dollar spot, large brown patch, *Fusarium* patch (pink snow mold), *Fusarium* blight and stripe smut.

Tersan LSR is recommended for control of leaf spot diseases incited by *Helminthosporium spp.*, rust, and *Rhizoctonia* brown patch on turf. Tersan SP is recommended for control of snow mold and *Pythium* blight.

Stauffer Chemical Co., Westport, Conn., manufactures Captan 50-WP. It can control brown patch, damping-off, leaf spot, fungus root rot and melting-out.

The Agricultural Products Division of **Olin Corp.**, Little Rock, Ark. manufactures Terrazole soil fungicide and Turfcide 10 percent granular fungicide.

Turfcide can control brown patch. Terrazole controls *Pythium* fungus that cause cottony blight, spot blight, grease spot and damping-off on turf; and *Pythium* as well as phytophthora fungi which cause root and stem rot and damping-off on ornamentals.

Elanco Products Co., Indianapolis, has received an experimental permit for turf for its EL-222. It is not on the market.

Market planning manager of specialty products Dan Lynch told WEEDS TREES & TURF it is formulated as a wettable powder and as an emulsifiable concentrate for turf use. He said tests have shown that it can control dollar spot, brown patch, striped smut, *Fusarium* blight and snow mold. □