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EC04-1891 Residential Turf Diseases II

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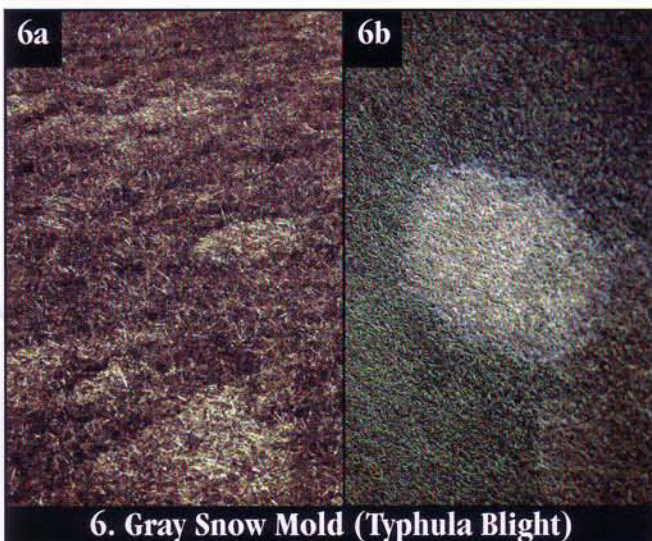
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Residential Turf Diseases II

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Disease Affected Turfgrass Species	Symptoms
1. Ascochyta Leaf Blight <i>Ascochyta</i> spp. Kentucky bluegrass Perennial ryegrass	Large areas of turf either assume a uniformly blighted tan appearance or an irregular tan patchy pattern (Fig. 1a). Infected leaves die back from the tip, shrivel and become needle-like in appearance (Fig. 1b).
2. Fairy Ring Several mushroom forming fungi All turfgrass species	The presence of dark green rings of varying diameters characterizes fairy ring (Fig. 2a). Some fairy rings develop circular patterns of dead grass in the center of the dark ring (Fig. 2b). Mushrooms forming in a circular pattern in the turf is indicative of fairy ring (Fig. 2c and d).
3. Slime Molds <i>Physarum cinereum</i> All turfgrass species	Slime molds grow on the surface of leaves and stems and form in 4- to 6-inch patches in turf (Fig. 3a). The slime mold is composed of thousands of tiny purple, gray, white or cream sack-like spore enclosures (Fig. 3b).
4. Stripe Smut <i>Ustilago striiformis</i> Kentucky bluegrass	Smutted plants occur in 6- to 12-inch circular patches which are very noticeable in spring due to their light-green or yellow color (Fig. 4a). Infected leaves show narrow black stripes and may shred and curl (Fig. 4b).
5. Pink Snow Mold (Fusarium Patch) <i>Fusarium nivale</i> All turfgrass species	Symptoms are roughly circular patches in the 4- to 12- inch diameter range (Fig. 5a). Within these patches, the grass is a bleached-tan color, matted and often has a salmon-pink color at the edge of the patch (Fig. 5b).
6. Gray Snow Mold (Typhula Blight) <i>Typhula</i> spp. All turfgrass species	Injury is most likely to occur during winter with extended snow cover in areas where snow has drifted or been piled. Patches of roughly circular, grayish-tan areas up to 12 inches in diameter become visible as melting snow recedes (Fig. 6a). When wet, the patches appear gray in color with a grayish mold growth at the edges (Fig. 6b).
7. Pythium Blight <i>Pythium</i> spp. Kentucky bluegrass Perennial ryegrass	Symptoms are brown spots that suddenly appear during hot, humid weather (Fig. 7a). The symptom pattern may be more pronounced in lower, wetter sites. Affected turf is matted; feels slightly slimy to the touch and gives off a fishy odor (Fig. 7b).

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