Guide to Lawn Disease Identification

**Brown Patch**
- **Product Options:** Banner MAXX or Heritage

**Leaf Spot**
- **Product Options:** DG-Lite or MAXX

**Gray Snow Mold**
- **Product Options:** Subdue MAXX or Heritage

**Leaf Spot/Melting Out**
- **Product Options:** DG-Lite or MAXX

**Product Options**

- Rhizoctonia solani
- Brown Patch
- Sclerotinia homoeocarpa
- Fairy Ring
- Fusarium patch (also see Microdochium Patch)
- Large Patch
- Microdochium Patch (Pink Snow Mold)

**Conditions Favoring Disease:**
- Active at cool temperatures on warm-season grasses in the spring and fall (77° to 83°F) or in the summer (72° to 80°F) under cloudy or overcast skies.

**Symptoms:**
- Leaf spots; “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Leaf spots and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Leaf spots and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.

**Symptoms:**
- Ring or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Ring or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Ring or patches of blighted turfgrass that measure 5 inches or more in diameter.

**Conditions Favoring Disease:**
- Occurs in areas that experience extended periods of wetness.
- Occurs in areas that experience extended periods of wetness.
- Occurs in areas that experience extended periods of wetness.

**Symptoms:**
- Leaf spots, blighted rings and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Leaf spots, blighted rings and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Leaf spots, blighted rings and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.

**Product Options**

- Microdochium nivale
- Pink Snow Mold

**Leaf Spot**
- **Product Options:** DG-Lite or MAXX

**Fairy Ring**
- **Product Options:** Banner MAXX or Heritage

**Gray Snow Mold**
- **Product Options:** Subdue MAXX or Heritage

**Leaf Spot/Melting Out**
- **Product Options:** DG-Lite or MAXX

**Product Options**

- Microdochium nivale
- Pink Snow Mold

**Conditions Favoring Disease:**
- Occurs in areas that experience extended periods of wetness.
- Occurs in areas that experience extended periods of wetness.
- Occurs in areas that experience extended periods of wetness.

**Symptoms:**
- Leaf spots, blighted rings and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Leaf spots, blighted rings and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
- Leaf spots, blighted rings and “smoke rings” — lesions or patches of blighted turfgrass that measure 5 inches or more in diameter.
Use an adequate level of nitrogen, particularly in the spring and early summer.

Apply contact and/or penetrant fungicides on a preventive basis.

Irrigate turf deeply and as infrequently as possible to avoid drought stress.

Red Thread and Pink Patch

Red thread—Pink patch

• Tend to appear on the leaves as individual flecks, with surrounding leaves remaining green, causing the leaves to have a greenish-white powdery appearance.

• Severely infected leaves turn yellow, then turn brown and black.

• Leaf blades turn yellow, starting at the leaf tips and then extending down the leaf blades and sheaths.

Conditions Favoring Disease:

• Temperature: between 67°F to 68°F in the location of the turf.

• Areas hot in the morning for several consecutive days.

• Rainfall usually develops in the presence of hot humid air.

• The two diseases occur in a sunlit environment and at the same time.

Pythium Blight

Pythium aphanidermatum; other Pythium species

• Pythium blights during hot, humid weather.

• Generally brown circular spots that develop into 1 to 2 inches in diameter.

• Rapidly enlarge in size.

• Water-soaked and dark-colored spots in the morning.

• Foul, musty, water-soaked brushing of turf often accompany Pythium root blight marks on the flat areas of the turf. 

• Smell may appear bright orange in color.

Conditions Favoring Disease:

• Four to six weeks prior to optimum air and soil conditions as well as conditions that are high in nitrogen levels and temperatures over 60°F.

• Disease becomes more severe more than 10 hours a day of full sunshine during extensive days.

Product Options:

- Banner® MAXX
- Heritage®
- GreenCast®
- Heritage GreenCast®
- Syngenta Lawn Fungicide Portfolio

Syngenta: A superior fungicide that works like a spray.

- Will not wash off or be mowed away—it even protects new growth.
- Superior systemic control of brown patch, gray leaf spot, red thread, leaf spot, summer patch, take-all patch, and more than 15 other turf diseases.
- Available in HGR (granular) formulation, as well as a fast-acting T.i. (surfaced), and a convenient granular formulation.

Finally, the granular that works like a spray.

Outstanding disease protection without spraying. Acrodictum, the trusted active ingredient in Heritage, is now available in granular form. The DG-Lite® 3,000 SG granular formulation, with a 20% Triadimefon, 20% Pyraclostrobin, 60% Iprodione, is specifically formulated for lawncare applications.

Subdue MAXX

- Industry standard for Pythium control at an economic cost.

• Mow clean in water and won’t settle out in tank or drop bags.

• Leading-edge MAXX formulation technology.

Syngenta Lawn Fungicide Portfolio

The premier fungicide for preventive dollar spot control.

• Broad spectrum protection against dollar spot, red spot, anthracnose spot, brown patch, pink patch, and many other turf diseases.

•发布时间: 2022年

- Visit greencastonline.com for information on these other diseases as well as easy-to-use maps for soil temperatures, weather forecasts, disease outbreaks, podcasts, and more.

- Mixing clear in water and won’t settle out in tank or clog filters.

- Systemic properties for hard-to-control fungus for up to 28 days.

- Cost-effective fungicide with dual modes of action and an integrated system in one formulation.

- Controls all important diseases, including brown patch and dollar spot.

- Live rates (0.75 ct/1,000 ft²) provide efficient control.

- Broadleaf-day control available at full rates.