Application Recommendations for PREMION™

PREMION should be applied to turfgrass that is well established, actively growing, and not under excessive heat, moisture or turf growth regulator stress or drought stress. Use PREMION as part of a control program that consists of a sequence of fungicides that have proven efficacy against the target disease. Most of the research with PREMION evaluated it in combination with the pigment product Fair® at 1 pint per acre, but other similar products will also further enhance turf tolerance.

Recommended Application Windows for PREMION:

**Recommended Application Rate for Greens and Tees:**
For anthracnose control, PREMION should be applied at 8 fl. oz. per 1,000 square feet.

**Recommended Application Rate for Fairways:**
For control of dollar spot and other spring/summer/fall diseases, PREMION should be applied at 6 fl. oz. per 1,000 square feet.

**Recommended Application Rates for Snow Mold Control:**
For snow mold control on fairways, tees and greens, PREMION should be applied at 8 to 12 fl. oz. per 1,000 square feet.

Contact your AMVAC® distributor today or AMVAC at 1-800-60-AMVAC (1-888-462-6822) and visit amvacanswers.com for more information on PREMION and other AMVAC products.
Dollar spot and brown patch are all wet

PREMION Fungicide is a water-based formula that gives users more options when it comes to integrating fairway disease management programs. Applied at the beginning and end of the season, PREMION provides dual modes of action along with both contact and systemic activity to be an integral part of control programs for dollar spot, brown patch and other problematic diseases. The figures below show selected treatments from recent brown patch and dollar spot trials.

Two modes of action for anthracnose control

University turfgrass pathologists generally recommend initiating an anthracnose control program at least a month before symptoms historically first appear at a given site. They also recommend using at least two active ingredients with proven anthracnose activity in every spray targeting this disease. PREMION harnesses the power of PCNB and tebuconazole and provides two modes of action and both contact and systemic activity against anthracnose. In fact, PREMION is the only pre-mix product on the market that contains a FRAC Group 14 fungicide. This makes PREMION an important component of a resistance management program.

Figure 3 shows the outstanding performance of the PREMION formula against anthracnose in recent independent field trials. Learn more about FRAC (Fungicide Resistance Action Committee) groups at www.frac.info.

Anthronecose is one of the most difficult turfgrass diseases to manage

May be present for long periods of time during the year
Infects both creeping bentgrass and annual bluegrass as either a foliar blight or a basal rot
Widespread resistance to strobilurin and benzimidazole fungicides
Many anthracnose isolates exhibit lessened sensitivity to triazole fungicides
The most challenging situation involves a resistant isolate causing basal rot of annual bluegrass as this host is succumbing to summer stress

Finish the Season With a PREMION Snow Mold Application

When preparing courses for winter, superintendents in the northern part of the country can rest assured knowing that the active ingredients in PREMION are renowned for their effectiveness against snow mold pathogens.

Figure 4: Cross-trial summary of 13 field trials conducted during the winters of 2013-2014 and 2014-2015. Untreated plots averaged 16.4% snow mold in these trials (range 7.9-25.0%). All three major snow mold pathogens are included in this subset of data. Trials were conducted in Michigan, Montana, New Jersey, Pennsylvania, Utah, Washington and Wisconsin. The combination of PCNB plus tebuconazole provides excellent snow mold control.