Protect Your Greens From Spring Dead Spot This Fall Using Headway.

Spring dead spot is the most destructive disease of bermudagrass turf. As the name implies, symptoms of this disease appear in the spring when bermudagrass resumes growth from winter dormancy. Spots, patches, and rings of bermudagrass appear to remain dormant, but in actuality are completely dead, killed by the *Ophiostoma* pathogen during winter dormancy.

Management Tips
Recovery from spring dead spot damage can be very slow, causing long-term reductions in putting green quality and uniformity. The ultradwarf bermudagrasses are particularly susceptible to spring dead spot due to their shallow rooting and sparse rhizome development. Certain cultural practices, such as hollow-tine aerification during summer, maintenance of good soil drainage, and optimal fertility can help to manage the disease, but a solid preventive fungicide program is still needed to prevent unacceptable damage.

Although the symptoms appear in spring, fall is the key time to protect your greens against spring dead spot. Preventive applications must be made before the bermudagrass goes dormant, so that the active ingredient can be absorbed and translocated to provide protection through the winter dormancy period. Combining the power of propiconazole and azoxystrobin, Headway® fungicide offers effective spring dead spot control and excellent safety on the ultradwarf bermudagrasses, which are easily injured by some DMI fungicides such as tebuconazole.

For Optimum Control of Spring Dead Spot

<table>
<thead>
<tr>
<th>Fungicide</th>
<th>Rate</th>
<th># of Apps</th>
<th>Interval</th>
<th>Timing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Average Disease Pressure</td>
<td>Headway</td>
<td>3.0 fl oz/1000 ft²</td>
<td>2</td>
<td>28 Days Initiate 6 to 8 weeks before expected bermudagrass dormancy in your area</td>
</tr>
<tr>
<td>High Disease Pressure</td>
<td>Headway</td>
<td>3.0 fl oz/1000 ft²</td>
<td>3</td>
<td>21 Days</td>
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</tbody>
</table>

Applications should be watered into the root zone with 0.1” to 0.15” of irrigation within 24 hours after application.

Additional Benefits of Headway
Headway will also protect your greens against other key fall diseases like leaf spot, bermudagrass decline, and *Pythium* blight. Research has also demonstrated that Headway increases the winter quality and color of bermudagrass putting greens by maintaining the density of dormant leaf tissue and aiding in longer retention of paints and pigments.

Comprehensive Plan to Prevent Additional Diseases
For an agronomic program for the area where spring dead spot is most common, scan the QR code or visit www.bit.ly/AgronomicProgramSDS. Applications on this program, starting on October 13 and beyond, target spring dead spot as well as other key fall/winter diseases like leaf spot and *Pythium* blight. For a customized plan for your area, visit GreenCastOnline.com/Programs.
Spring Dead Spot Control in ‘Tifdwarf’ Bermudagrass Putting Greens, Mississippi State University, 2012–2013

Data collected May 7, 2013

Call the Syngenta Customer Center at 1-866-SYNGENTA (796-4368) to learn more.

All trials conducted using treatment rates and mixing partners commonly recommended in marketplace.