Pillar™ G Fungicide

A New Granular Fungicide for Disease Control in Turfgrass

Pillar™ G fungicide is a combination of pyraclostrobin (the active ingredient in Insignia® fungicide) and triticonazole (the active ingredient in Trinity® fungicide) on a granular carrier. This combination of two highly effective active ingredients delivers excellent disease control on numerous diseases problems that challenge turf managers today. These diseases include dollar spot, anthracnose, patch diseases (brown patch, large patch, take-all patch, summer patch), snow molds, leaf spots and many others.

While spray applications of fungicides are most common to control disease, many turf managers find that granular products can be very convenient to use. Pillar G can allow applications to take place 1) when conditions do not allow for spray equipment on a turf area (wet, snow cover); 2) when air temperatures do not allow for spraying due to the potential to freeze spray lines; 3) when only a spot treatment is required, saving on manpower and equipment resources; and 4) for applicators that prefer granular applications.

Pillar G is formulated on a clay granule that provides excellent spreading characteristics due to its density and uniform particle size. The active ingredient moves quickly off of the granule after irrigation or precipitation so that it can protect turfgrass soon after application.

Pillar G Advantages

- Better performance on dollar spot than many other products including Heritage G fungicide, Compass fungicide and Disarm fungicide
- Dense particle with excellent spreading characteristics
- Controls more diseases than competing granular fungicides
- Labeled for use on most turfgrasses for both lawns and golf

DISEASES CONTROLLED

- Anthracnose
- Bentgrass Dead Spot
- Bermudagrass Decline
- Brown Patch
- Brown Ring Patch (Waltea Patch)
- Dollar Spot
- Fairy Ring
- Fusarium Patch
- Gray Leaf Spot
- Gray Snow Mold
- Large Patch
- Leaf Spot
- Melting Out
- Necrotic Ring Spot
- Pink Patch
- Pink Snow Mold
- Powdery Mildew
- Pythium Blight
- Pythium Root Dysfunction
- Rapid Blight
- Red Thread
- Rhizoctonia Leaf or Sheath Blight
- Rust
- Summer Patch
- Take-all Patch
- Yellow Tuft
- Zoysia Patch

Use Sites:
- Golf courses
- Residential, commercial and institutional lawns
- Sod farms
- Sports fields, recreational areas and parks
- Cemeteries

Formulation: Granular
Packaging: 30 lb. bag
Active Ingredient: Pyraclostrobin (0.38%) and triticonazole (0.43%)
Use Rates: 3 lbs. of product per 1,000 ft²
Signal Word: CAUTION
REI: 12 hours
PPE: Long-sleeved shirt and pants; waterproof gloves; shoes plus socks; protective eyewear
Multiple applications were made on a monthly basis, Dr. Peter Bruno, Houston, TX; 4 applications Sept., Oct., Nov. (2), 2009. Evaluated Dec. 2; 7 DAT, 2009.

<table>
<thead>
<tr>
<th>Disease Control</th>
<th>Percentage Area Infected</th>
</tr>
</thead>
<tbody>
<tr>
<td>Untreated</td>
<td>100%</td>
</tr>
<tr>
<td>Insignia WDG +</td>
<td>80%</td>
</tr>
<tr>
<td>Trinity</td>
<td>60%</td>
</tr>
<tr>
<td>Pillar G 0.81%</td>
<td>40%</td>
</tr>
<tr>
<td>3 lb.</td>
<td></td>
</tr>
<tr>
<td>Heritage G</td>
<td>20%</td>
</tr>
<tr>
<td>0.31% 3 lb.</td>
<td></td>
</tr>
<tr>
<td>Banner Maxx</td>
<td>10%</td>
</tr>
<tr>
<td>fungicide 3.5 fl. oz.</td>
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</tr>
<tr>
<td>Tourney®</td>
<td>0%</td>
</tr>
<tr>
<td>fungicide 0.7 fl. oz.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Relative Brown Patch</th>
<th>Number of Lesion Centers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pillar G 0.81% 3 lb.</td>
<td>11.0</td>
</tr>
<tr>
<td>Check</td>
<td>1.3</td>
</tr>
<tr>
<td>Insignia WDG + Trinity</td>
<td>0.8</td>
</tr>
<tr>
<td>Heritage G 0.31% 3 lb.</td>
<td>0.5</td>
</tr>
</tbody>
</table>

*BASF does not recommend the use of drop spreaders.

Disease control ratings taken at three times during the trial. Applications were made as preventive treatments on 30-day interval. The bars indicate the range of average brown patch levels for each individual location.