SENATOR® WSB
Cut Costs. Not Control.

Unique Mode of Action
SENATOR WSB is a broad spectrum fungicide containing the active ingredient thiophanate-methyl. SENATOR WSB is a reliable and proven fungicide that belongs to FRAC fungicide Group 1. As demonstrated in table 1 (right), SENATOR WSB is the only product in this group which is registered for control of turf diseases in Canada. This makes SENATOR WSB an effective rotational product and resistance management tool to help preserve our industry’s limited disease management options.

It is this unique characteristic, combined with SENATOR’s cost effectiveness and consistent performance on key turf diseases like Dollar Spot, that make SENATOR WSB an outstanding rotational product for all integrated pest management programs. Chart 1 (right) demonstrates the consistent performance of thiophanate-methyl on Dollar Spot vs. other commonly used turf fungicides.

Systemic & Rainfast
SENATOR WSB is a highly systemic fungicide that is absorbed by the roots, crowns & leaves, and translocated through the xylem to protect the entire plant from the inside out. This systemic activity creates a barrier against disease, protecting current and new growth from infection. SENATOR WSB can’t be washed off the plant once the spray solution has dried on the leaf surface, providing thorough protection of your plants. SENATOR WSB is best used in a preventative spray program, applied according to label application timing and before widespread disease infection.

Table 1: Comparison of Common Turf Fungicides

<table>
<thead>
<tr>
<th>FRAC Group</th>
<th>Group Name</th>
<th># of Registered Products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1</td>
<td>MBC</td>
<td>1</td>
</tr>
<tr>
<td>Group 3</td>
<td>DMI</td>
<td>7</td>
</tr>
<tr>
<td>Group 11</td>
<td>QoI</td>
<td>4</td>
</tr>
<tr>
<td>Group 7</td>
<td>SDHI</td>
<td>2</td>
</tr>
</tbody>
</table>

Chart 1: Dollar Spot Efficacy Comparison

Vincelli, Chemical Control of Turfgrass Diseases 2013.
Rating system for fungicide efficacy:
4=consistently good to excellent control in published experiments
3=good to excellent control in most experiments
2=fair to good control in most experiments
Controlling Key Diseases. In Any Season. On a Budget.

Senator WSB controls key diseases at key times of the year. It provides protection of both Dollar Spot and Brown Patch in the summer, and when used in the fall for control of *Microdochium nivale* (Fusarium Patch/Pink Snow Mould), SENATOR WSB will also protect your turf from any late season Dollar Spot. Senator WSB offers a low cost per application and provides 14-day control of Dollar Spot making it the most cost effective Dollar Spot product registered in Canada.

<table>
<thead>
<tr>
<th>Registered Diseases</th>
<th>Rate (g/100m²)</th>
<th>Case Coverage (acres)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dollar Spot</td>
<td>25 to 30</td>
<td>6.4 to 5.3</td>
</tr>
<tr>
<td>Brown Patch</td>
<td>30 to 60</td>
<td>5.3 to 2.7</td>
</tr>
<tr>
<td>Pink Snow Mould</td>
<td>125 to 175</td>
<td>1.3 to 0.9</td>
</tr>
<tr>
<td>Powdery Mildew</td>
<td>125 to 250</td>
<td>1.3 to 0.6</td>
</tr>
</tbody>
</table>

General Information

Packaging: 4 x 8 x 200 g
Formulation: 70% Wettable Powder
FRAC Group: 1
Mode of Action:
• SENATOR WSB works by interfering with the fungi’s ability to reproduce through nuclear division.
Compatibility:
• SENATOR 70WP is compatible with most pesticides
• Do not mix with lime or other alkaline materials
• Ensure pH of spray solution is below 7

Always read and follow label directions.

866.613.3336
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