Instrata® Turf Fungicide
The triple action fungicide for all seasons

Key Benefits
- Crown and foliar disease specialist covering Anthracnose, Brown Patch, Dollar Spot, Helminthosporium disease and Winter Fusarium
- Triple modes of action – one systemic DMI in combination with two contact fungicides
- Rapid systemic movement and contact coverage that stops spore germination fast and prevents the spread of disease
- Superb resistance management tool utilising three chemistry classes for use across multiple seasons in preventative situations
- Trusted Weather Stik Technology as in DACONIL WEATHER STIK
- Up to 28 days coverage from a single application

Disease Management

<table>
<thead>
<tr>
<th>Situation</th>
<th>Disease</th>
<th>Rate</th>
<th>Critical Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bowling greens,</td>
<td>Anthracnose, Brown Patch, Dollar Spot, Helminthosporium disease, Winter</td>
<td>18 L/ha</td>
<td>Apply INSTRATA in a preventative fungicide program containing fungicides from different chemical groups. Begin applications before symptoms occur when conditions first favour disease and continue while conditions remain favourable for disease development using registered fungicides. Apply INSTRATA at 28 day intervals.</td>
</tr>
<tr>
<td>Golf courses</td>
<td>Fusarium / Microdochium Patch</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: The above table represents only a modified extract from the full registered label. Please refer to the registered label for full details.
**Active Ingredients**

INSTRATA contains 362 g/L chlorothalonil, a member of the chloronitriles fungicides and 57 g/L propiconazole, a member of the demethylation inhibitor fungicides and 14.5 g/L fludioxynil, a member of the phenylpyrrole fungicides. Chlorothalonil is a Group M5 fungicide. Propiconazole is a Group 3 fungicide. Fludioxynil is a Group 12 fungicide.

**Warm Season Turf Grasses**
- Buffalo Grass,
- Carpet Grass,
- Common Couch,
- Couch varieties,
- Bahia Grass,
- Hybrid Couch,
- Kikuyu,
- Paspalum,
- Queensland Blue Couch,
- Zoysia

**Cool Season Turf Grasses**
- Bent Grass,
- Fescue,
- Kentucky Bluegrass,
- Perennial Ryegrass

**Application Timing and Rate Variation**

INSTRATA is an excellent choice for use in a preventative program or curatively after first symptoms are evident. The quick systemic action of the propiconazole component will deliver a rapid clean out of internal transport tissues which is especially important in curative situations. The chlorothalonil and fludioxynil components together attack germinating spores and developing fungal mycelium to rapidly clean and protect external surfaces. INSTRATA should be applied at 18 L/ha and will deliver a solid 28 days of coverage.

**Example:** In the case where air and soil temperatures are increasing in combination with extended periods of high (90%+) relative humidity, INSTRATA should be applied at 18 L/ha to deliver protection from crown and foliar disease for up to 4 weeks. If a disease like Dollar Spot has already caused symptoms (scarring) INSTRATA should be applied at 18 L/ha to quickly control existing disease and protect against further damage, thus aiding turf recovery.

**Good application = Good results**

<table>
<thead>
<tr>
<th>Target</th>
<th>Wind Speed</th>
<th>Nozzle</th>
<th>Water Rate</th>
<th>Pressure</th>
<th>Droplet Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTRATA Leaf and crown</td>
<td>2-12 km/h</td>
<td>AIXR or 11005</td>
<td>240-470 L/ha</td>
<td>3 bar</td>
<td>Coarse to very coarse</td>
</tr>
</tbody>
</table>

Consult full registered label for additional information.

*Application volume dependant on travel speed.

**Mixing and Compatibility**

INSTRATA is a suspo-emulsion formulation that offers excellent turf safety. It can be safely tank mixed with HERITAGE MAXX, PRIMO MAXX and SUBDUE MAXX.