

Instrata

A robust high performance turf fungicide

Instrata is a robust high performance turf fungicide, containing three powerful active ingredients for effective contact and systemic activity.

A broad-spectrum foliar fungicide, Instrata is approved for the control of Fusarium Patch (*Microdochium nivale*), Dollar Spot (*Sclerotinia homoeocarpa*), Brown Patch (*Rhizoctonia solani*) and the reduction of Anthracnose (*Colletotrichum graminicola*) on golf greens and tees, and for patch treatment on golf fairways and bowling greens.

The unique three-way mode of action gives powerful protection from disease infection, plus essential curative and eradicator activity if disease is already present. Two contact active ingredients in Instrata also significantly reduce the risk of fungicide resistance developing.

How does Instrata work?

1 Fludioxonil (CONTACT)

- Brand new broad-spectrum contact active for turf
- Outstanding long-term efficacy
- Inspired by a natural anti-fungal compound
- Protects on the leaf, in thatch and at soil surface
- Exceptional long lasting residual control

2 Propiconazole (SYSTEMIC)

- Protective, curative and eradicator activity
- Rapid uptake into plant leaf
- Systemic movement to new leaf growth
- Stops fungal development within the plant leaf

3 Chlorothalonil (CONTACT)

- Best proven multi-site contact activity
- Broad spectrum activity against turf disease
- Controls disease on the leaf surface



Instrata Benefits

- Three powerful active ingredients for unique three-way action
- Protective, curative and eradicator action
- Controls Fusarium Patch, Anthracnose, Dollar Spot and Brown Patch
- Can be used at any time of the year

➔ Recommended use: golf courses and bowling greens

Instrata

Contains 362g/litre chlorothalonil, 56.9g/litre propiconazole and 14.5g/litre fludioxonil
MAPP No. 14154

Pack sizes	3 litre S-pac bottle
Packs per outer	4 x 3 litres
Pack coverage	3,333m ²
Water volume	500-1,000 litres per hectare

Period of use

JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

The active ingredient fludioxonil protects on the leaf, in the thatch and at the soil surface, giving outstanding efficacy and making Instrata especially useful in high disease pressure situations at any time of the year. The complementary three-way mix of fludioxonil with the proven propiconazole and chlorothalonil targets disease at every stage of the life-cycle and gives both contact and systemic activity in the plant.

Application

For optimal results, Instrata should be applied as a preventative treatment when conditions indicate a high risk of disease infection. Alternatively, spray at the first signs of disease pressure.

Instrata is approved for use on all areas of the golf course – including greens, tees and fairways, and on fine turf bowling greens.

Application rate			
Diseases controlled	Instrata	Water volume	Area Treated
Fusarium Patch, Anthracnose, Dollar Spot, Brown Patch	9 litres	500-1,000 litres	1 hectare

Apply 9 litres of Instrata per hectare with a maximum number of three sprays per year. Sprays may be applied by pedestrian controlled sprayers or vehicle mounted/drawn equipment. Do not apply with a knapsack sprayer. Instrata is recommended to be applied in 500-1,000 litres water/ha with all application methods. A minimum interval of 14 days should be observed between applications.



Control of Fusarium Patch and Anthracnose with improved turf quality

UK trials proved Instrata can be up to 45% more effective and persistent in the control of Fusarium Patch compared to iprodione or myclobutanil. The result showed consistently better turf quality up to six weeks after application. Heightened Anthracnose control with Instrata improved winter turf quality by up to 20% compared to iprodione.

