

Learn more



For use on:

- Greens
- Tees
- Fairways
- Fine Turf
- Outfields
- Sports Pitches
- Racecourses
- Polo



Diamond Green

Intek Diamond Green has been formulated using a combination of organic acids, plant extracts and nutrients to prime the plant's internal defence mechanisms against turf diseases. Applied ahead of and during periods of elevated disease pressure, it triggers systemic acquired resistance (SAR), strengthening the plant's immune response and improving resilience to pathogen attack.

- Variable application rate of 10–40 L/ha, allowing applications to be scaled to severity of disease pressure
- Particularly effective at preventing the onset and limiting the spread of *Microdochium nivale*
- Field trials indicate reduced disease presence, smaller scarring and faster turf recovery post-infection



Approximate longevity:
2-3 weeks



SGN/particle size:
-



Guaranteed analysis:
1-0-6



Nitrogen source:
0.7% nitrate



Additional elements:
2.0% CaO, 1.0% MgO



Application rate:
10-40 lt/ha



Suggested soil temperature:
Minimum: 5°C
Optimum: 15°C



Pack size:
10 lt, 120 lt

Area Missed with spray -
no Intek Diamond Green
applied

Sprayed with
Intek Diamond Green
at 20 lt/ha



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Natural resistance to pathogens

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Intek Diamond Green is not a fungicide - it is a low nutrient fertiliser with natural additives. During its development, observational trials were conducted to assess its impact on turf disease.

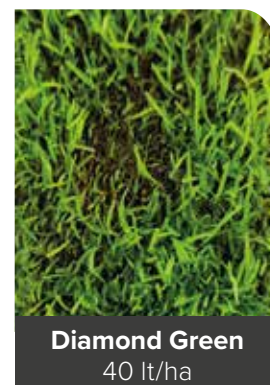
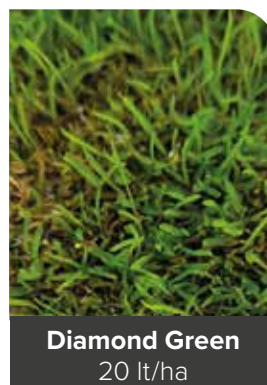
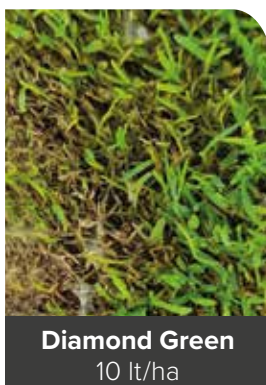
Cores of turf with equal levels of active disease were harvested from a golf green and incubated under conditions favourable for disease activity. Over four days, *Microdochium nivale* spread freely across untreated cores, with white, active mycelium clearly visible. The fungicide

treatment suppressed spread, though active mycelium remained present.

At 10 lt/ha, Intek Diamond Green similarly suppressed *Microdochium* spread, with a comparable level of mycelium to the fungicide treatment. At 20 lt/ha and 40 lt/ha, Intek Diamond Green not only suppressed disease spread but the components within the formulation actively supported turf recovery, with scarring beginning to fill in.

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Intek Diamond Green acts as a trigger to the plant's natural defences, rather than having a direct effect on the fungus itself. As it is not targeting a specific pathogen, the activity demonstrated here against *Microdochium nivale* is consistent with its broader effect on other turfgrass diseases, including **Anthraxnose, Dollar Spot, Red Thread and Leaf Spot**.

This is supported by years of customer feedback, with end users consistently reporting improved turf resilience against a range of disease pressures - particularly when Intek Diamond Green is used within a **combined IPM programme**.



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