

Situations for use and application rates

Dedicate shows excellent turf safety and may be used in situations such as golf courses, bowling greens, race-tracks, sports-grounds and other intensively managed turf areas where fungal diseases occur.

| Directions For Use | | | | |
|--------------------|---|--------------------------|-------------------------|---|
| Situation | Disease | Rate | Water Rate | Critical Comments |
| Turf | Anthracnose Brown Patch Winter Fusarium Helminthosporium Leptosphaerulina Curvularia | 2 L/ha | 800 -1600 L per ha | For preventative control apply on a 21-28 day interval when conditions are favourable for disease development. For curative control apply on a 14 - 21 day interval. For brown patch control apply sufficient irrigation to wash Dedicate into the crown and upper root zone. |
| | Ectotrophic Root Infecting Fungi (ERI) | | | Make monthly preventative applications in the three months preceding the disease season. Apply irrigation to wash Dedicate into the root zone. |
| | Dollar Spot | 3 L/ha | | For preventative control apply on a 21-28 day interval when conditions are favourable for disease development. To control existing infections apply on a 14 - 21 day interval. |
| | White Helminthosporium | 280 mL per bowling green | 150 L per bowling green | Make monthly preventative applications from December to March. |
| | Spring Dead Spot (Ophiosphaerella namari) | 2L/ha | 800 - 1600L per ha. | Apply in a preventative application in January to March after renovation and recovery of active growth. Make a second application one month later. Apply irrigation to wash Dedicate into the rootzone. |

Spray program and resistance management

Dedicate contains two active ingredients with two different modes of action (Group 3 and 11). Its adoption therefore assists in fungicide resistance management.

Do not apply more than two consecutive sprays unless tank mixed with a protectant fungicide from Groups 14, 28, M2, M3, M4 or M5. (Ref. Fungicide Resistance Management Strategy, Croplife Australia, 27 October 2008).

Bayer Environmental Science recommends responsible product stewardship to ensure effective long term control of the diseases on the Dedicate label.

Everyone's talking about Dedicate...



I used Dedicate on my tee tops and selected fairway areas going into the 2010 winter. I could not have been happier with the results of the Dedicate application.

With a history of ERI and other diseases, the application was a must. The results speak for themselves.

We kept our teeing surfaces in great condition and look forward to a quick jump into spring. I think I got great value for money from the decision to use Dedicate.

Daniel G S Cook, Superintendent - Elanora Country Club, NSW.



Dedicate®

Bayer Environmental Science is committed to sustainable development



Dedicate is a water based suspension concentrate formulation with no hydrocarbon solvents. It provides a low-dose-rate alternative to many currently available turf fungicides and with a dual mode of action helps in the management of fungicide resistance.



This brochure is printed on FSC Certified paper made with Elemental Chlorine Free pulps (ECF), organic inks and using recycled water printing technology.

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Anthracnose
Brown patch
Curvularia
Dollar spot
ERI
Fusarium
Helminthosporium
Leptosphaerulina
White helminthosporium

Broad spectrum disease control that works both inside and out.

Dedicate® – The proven performer that works inside and out.

Dedicate is a reliable turf fungicide that contains two active ingredients with two different modes of action. With preventative and curative activity on the leaf surface as well as systemic action in the turf, Dedicate provides a broad spectrum of activity (and is labelled for the control of ten turf diseases). When it comes to consistency, performance and protection on turf's toughest diseases, Dedicate is a must in any fungicide program.

Key features and benefits

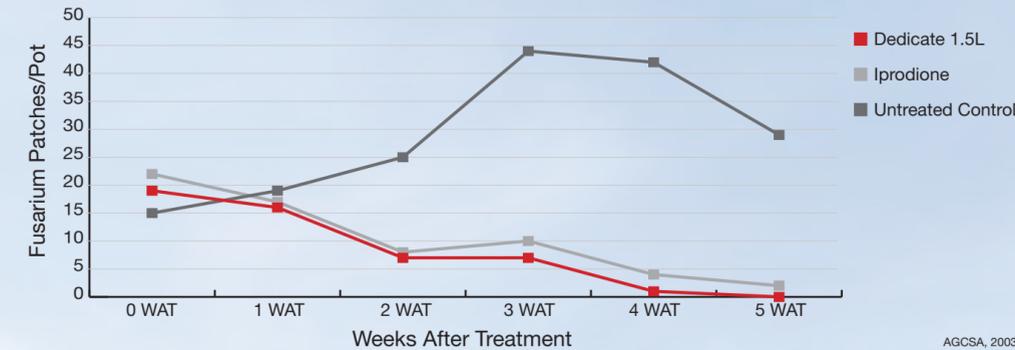
| Feature | Benefit |
|---|---|
| Contains two unique active ingredients for turf with differing modes of action. | Ideal for fungicide resistance management and enhanced disease control |
| Broad spectrum of activity Registered for use against ten different turf diseases | One product controls many diseases, reducing the costs associated with buying multiple products |
| Provides contact and systemic activity | Disease control inside and out |
| Low application rates (2 - 3 L /ha) | Reduced packaging waste |
| Registered for the control of difficult secondary pathogens such as <i>Leptosphaerulina</i> and <i>Curvularia</i> . | Confidence in knowing that Dedicate not only controls the primary cause of the affected turf, it also gets the diseases that prevent plant recovery and turf response following disease attack. |



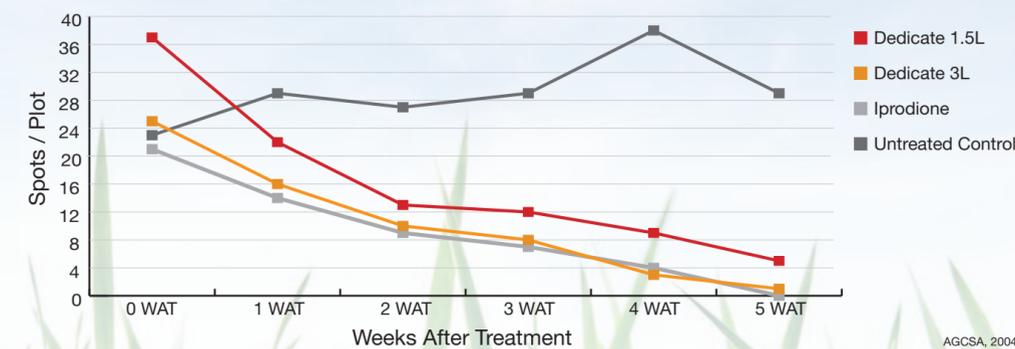
Fungal disease control

Summaries of some trial results with Dedicate against three turf diseases are provided below.

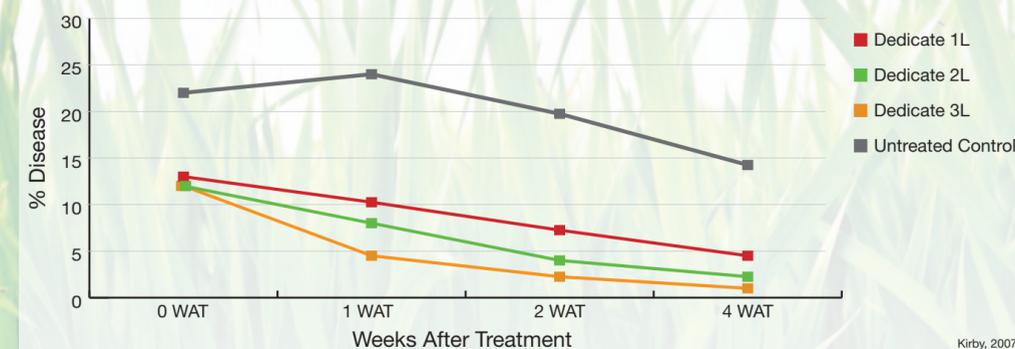
Fusarium



Dollar Spot



Brown Patch

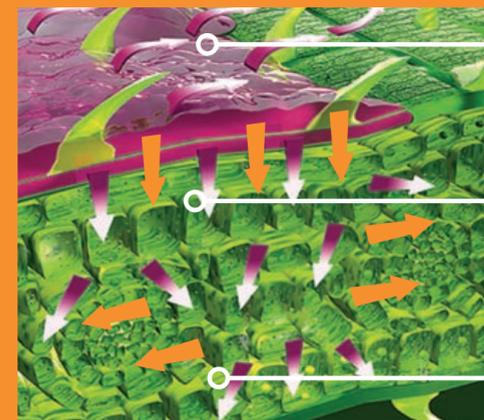
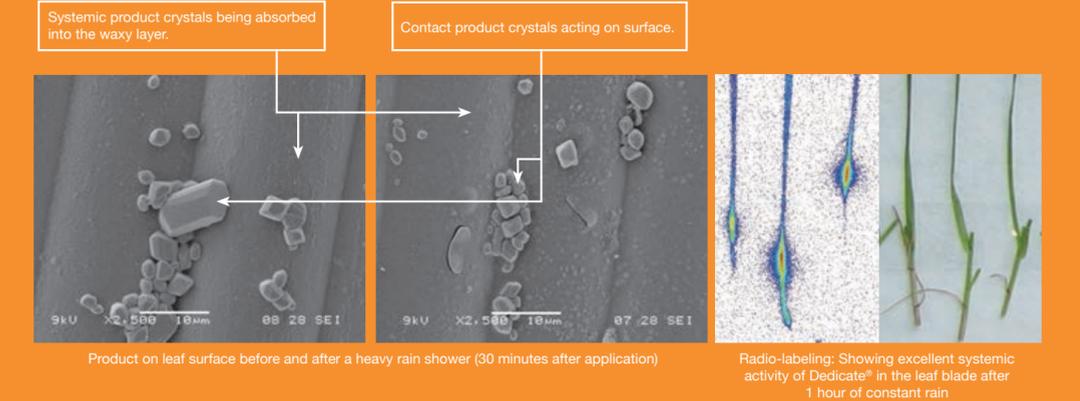


Timing of application

Dedicate should be used preventatively or at first signs of disease. Dedicate can be used when grass is either dormant or actively growing. Dedicate displays both protective and curative activity.

Rainfastness

Dedicate has been proven to be rainfast within hours of application. Once the spray application has dried on the leaf surface, rainfall will not interfere with its ability to control disease, due to combined contact action and systemic properties.



Strong activity on the plant surface.

Re-distribution of the product occurs at the plant surface. The active components are absorbed by the waxy layer (which enhances rainfastness) and then penetration occurs into the plant tissue (translaminar movement).

Systemic activity throughout turf plant.

“ During summer in the tropics, root diseases are very intense, I was asked to try Dedicate and got great results. This is a fantastic fungicide to have as part of our arsenal in the fight against diseases. Dedicate will always be part of my fungicide program. ”

Duncan Lamont Course Superintendent - Ocean Shores Country Club