

Emerald[®] Turf



FOR USE ONLY AS AN AMENITY/HORTICULTURAL FUNGICIDE RESTRICTED TO PROFESSIONAL USERS.

Crops	Maximum individual dose	Maximum number of treatments per crop	Latest timing of application
Managed amenity turf – see 'other specific restrictions'	20 L/ha	Four per year	n/a.

Other specific restrictions:

A minimum of four weeks must be observed between treatments.

For use on:

- (a) commercial and residential lawns up to 200 m², and patch treatments of up to 5% of estate lawns up to 5,000 m² (i.e. 250 m²)
- (b) bowling greens, cricket pitches (excluding outfield), lawn tennis courts and professional sports grounds/stadiums.
- (c) golf greens, tees and patch treatment of up to 5% on fairways.

READ THE LABEL AND SAFETY PRECAUTIONS BEFORE USING. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS

SAFETY PRECAUTIONS

Operator Protection

Engineering control of operator exposure must be used where reasonably practicable in addition to the following personal protective equipment.

TAKE OFF IMMEDIATELY heavily contaminated clothing.

WASH SPLASHES OF CONCENTRATE from skin and eyes immediately.

When using do not eat drink or smoke.

WASH HANDS before meals and after work.

In case of accident or if you feel unwell seek medical advice immediately (show the label where possible).

However, engineering controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection. The (COSHH) Control of Substances Hazardous to Health Regulations may apply to the use of this product at work.

Environmental Protection

DO NOT contaminate water with this product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

DO NOT ALLOW DIRECT SPRAY from horizontal boom sprayers to fall within 5m of the top of a bank of a static or flowing water body unless a Local environmental Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, nor within 1m of the top of a ditch which is dry at the time of application.

DO NOT ALLOW DIRECT SPRAY from hand-held sprayers to fall within 1m of the top of the bank of a static or flowing water body.

Aim spray away from water. This product qualifies for inclusion within the Local Environmental Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a horizontal boom sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years.

LERAP
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Storage and Disposal

Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs.

KEEP IN ORIGINAL CONTAINER, tightly closed, in a safe place.

WASH OUT CONTAINER THOROUGHLY and dispose of safely.

DO NOT RE-USE CONTAINER for any purpose.

PROTECT FROM FROST.

SHAKE THE CONTAINER WELL BEFORE USE.

DIRECTIONS FOR USE

NOTE: These Directions for Use form part of the Approved Product label and must be read before using the product.

EMERALD TURF can be applied year round to managed amenity turf (When used on golf fairways patch treatment of up to 5 % of the total area).

GENERAL INFORMATION

EMERALD TURF is a contact fungicide containing iprodione which has curative and preventative action against a range of turf diseases. Its special liquid formulation is 'rainfast' within 1 hour and can prevent the build-up of morning dew on grass leaves. Switching[®] to remove this dew is therefore usually unnecessary.

The formulation is very 'rainfast' and can help to prevent the retention of morning dew on grass leaves which means that 'switching' to remove this dew becomes unnecessary.

RESTRICTIONS

EMERALD TURF can be used on grass after cutting but the grass should not be cut again for at least 24 hours.

RESISTANCE

EMERALD TURF is a dicarboximide fungicide with the FRAC mode of action code 2. To reduce the risk of the development of resistance, EMERALD TURF should be used in programmes which include fungicides with alternative modes of action either as sequences or as tank-mixtures as well as non-chemical methods of control. This is purely to reduce the risk of the development of resistance since there have not yet been any recorded instances of turf pathogens which have developed resistance to this class of fungicides

APPLICATION RATE:

For control of Red Thread, Fusarium Patch and Dollar spot. Useful reduction of Anthracnose, Rust and Leaf spot where present at time of application.

Application Equipment	Vehicle-mounted Hydraulic Sprayer		Knapsack Sprayer	
	Rate per ha	Water per ha	Rate per 100 m ²	Water per 100 m ²
Disease Problem				
<i>Microdochium nivale</i> (Fusarium Patch) <i>Laetisaria fuciformis</i> (Red Thread) <i>Sclerotinia homeocarpa</i> (Dollar Spot) <i>Colletotrichum cereale</i> (Anthracnose)* <i>Drechslera poae</i> (Leaf Spot)* <i>Puccinia coronata</i> (Rust)*	20L	500L	200ml	5L

*useful reduction when present at time of application against the other listed diseases.

Timing: For curative activity, apply at the first sign of the disease in the grass and repeat as necessary at intervals of one month or greater. For preventative activity, apply at monthly intervals. Applications can be made at any time of year to golf courses.

MIXING & SPRAYING

Before spraying it is important to check all hoses, filters and nozzles, and to ensure that the sprayer is clean and correctly set to give an even application at the correct volume. Half fill the spray tank with clean water. Begin agitation, shake the container of EMERALD TURF and add the required quantity directly to the tank. Add the remainder of the water and agitate the mixture thoroughly before and during spraying. Spray immediately after mixing and wash out spraying equipment with clean water immediately after use.

CONDITIONS OF SUPPLY

All goods supplied by us are of high grade and we believe them to be suitable but, as we cannot exercise control over their storage, handling, mixing or use or the weather conditions before, during and after application which may affect the performance of the goods, all conditions and warranties, statutory or otherwise, as to the quality or fitness for any purpose of our goods are excluded and no responsibility will be accepted by us or re-sellers for any failure in performance, damage or injury whatsoever arising from their storage, handling, application or use. These conditions cannot be varied by our staff or agents whether or not they supervise or assist in the use of such goods.