

Merit® Turf



Now approved in Republic of Ireland

Contains 5g/Kg imidacloprid.

- ★ Long term curative and prevention from one application per year
- ★ 50% improvement to turf quality
- ★ Fast acting proven chemistry
- ★ Low risk to operator and non-target organisms



Chafer Grub



Leatherjacket

Insects controlled

MERIT® TURF is a granular insecticide for the control of Chafer grubs and Leatherjackets on golf courses, bowling greens, Cricket grounds, athletic fields, Parks & Sports Grounds, Commercial and Residential lawns, Cemeteries and other managed amenity turf situations. MERIT® TURF offers very low risk to operators and non target organisms.

MERIT® TURF works in the following ways:

- Insects that have ingested or absorbed the imidacloprid stop what they are doing or suspend normal behaviour.
- Insects stop feeding immediately and do not survive.
- The grubs will either be affected by eating the turf roots (where the product has been transported systemically) or by absorption through their outer body.

Timing of Application

Chafer Grubs

One application per year should be applied either as a preventative treatment made prior to anticipated chafer grub infestation (for example, when you see the beetle eggs in the soil) or as a curative treatment up to the 2nd instar growth stage. Alternatively when identification of damage to turf is seen.

Leatherjackets

Applications should ideally be made prior to the egg hatching when the adult crane flies are visible. One application per year is needed for Chafer Grub and Leatherjacket control.

MERIT® TURF needs sufficient water to move the granule through the thatch, wetting the top inch of the soil. The amount will vary, depending on the thickness of the thatch and the moisture level of the thatch/soil.

Mowing

Avoid mowing the turf until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

Application rates

Equipment	Area	Product Required
Vehicle mounted spreader	1 ha	30 Kg
Hand spreader	100m ² 500m ²	300 g 1.5 Kg

Apply MERIT® TURF uniformly over the area being treated with normally used granular application equipment. Hand held, drop type and rotary type spreaders may be used to apply MERIT® TURF. Avoid the use of spreaders that would apply the granule in narrow, concentrated bands.

Recommended application equipment;

Various Horstine Farmery turf applicators
Stocks Micro-Meter
Amtec drop spreader
SS-2 drop spreader
Microband applicator
TMA 2 applicator

MERIT® TURF should not be bulked up with fertiliser or sand at application, because of the different densities of these materials. **DO NOT APPLY MERIT® TURF** when it is raining or in windy conditions.

Merit® Turf Trials

In trials that have run in the UK over a two year period, MERIT® TURF on many sites achieved 100% control for up to 11 months after treatment. These sites often had populations of chafer grubs of over 1,000 per m². Out of the many trials put down an average efficiency of over 80% was seen after four and a half months.



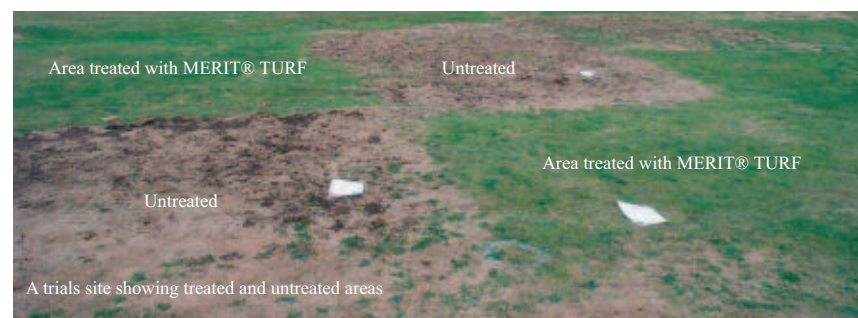
Chafer damage to lawn

Other Benefits

The active ingredient imidacloprid also produced a 50% increased greening effect and increased the grass vigour by up to 90% in treated areas.



Lawn following treatment with MERIT® TURF



A trials site showing treated and untreated areas

ALWAYS READ THE LABEL. USE PESTICIDES SAFELY.
(MAPP 12415) (PCS 02896)

PACK COVERAGE:
10Kg COVERS 3,333m²
3Kg COVERS 999.9m² } (@ 1.5 Kg/500m² RATE)

Merit is a registered trademark of Bayer CropScience Limited.

Full product information, label text and MSDS are available for download from www.bayer-escience.co.uk

