Biological Control of Chafer Grubs

**nema-green®**

**EFFICACY**

Results of field tests, University of Kiel

- 97% in 1996
- 97% in 1997
- 93% in 1998
- 93% in 1999
- 83% in 2002

Efficacy: up to 93% of grubs were killed by nematodes in field experiments performed by the University of Kiel.

Control rates increase continuously in the weeks following the treatment, due to nematode-recycling inside the infected grubs.

**APPLICATION TIPS**

- **nema-green®** is mixed with water and applied with a watering can or conventional spraying equipment.
- Apply to moist soil and irrigate after application with 1-2 litres of water / m².
- Maintain the soil moisture for 3-4 weeks after application.
- Use of wetting agents improves nematode establishment.

**APPLICATION**

For treatment of 50 m² to 10,000 m², **nema-green®** is available in different pack sizes suitable for field tests.

**NEED FURTHER INFORMATION?**

Please contact us! We would be pleased to answer your questions!

**nema-green®** is produced by:

e-nema GmbH
Klausdorfer Str. 28-36, D-24223 Raisdorf
Tel: 04307-82 95 0
Fax: 04307-82 95 14
http://www.e-nema.de
Healthy grub (white) and nematode infected grub (red).

The best time to apply Nema-Green® is from mid-July to the end of September. The earlier it is applied, the better the control.

Nematodes infected eggs hatch 3-5 weeks after the appearance of the chafers. These stay in the upper soil layers until mid-July. From then on, they move to deeper soil horizons to hibernate.

Damage is caused by C-shaped white grubs that feed on the roots.

The garden chafer is the most common turf pest in Europe. Adults emerge from late May to early June.

About 9 mm long, metallic-green head, reddish brown wings. More than 90% of their eggs are laid in June.