

TERRANEM

WHITE GRUB CONTROL

Directions for use

KOPPERT
BIOLOGICAL SYSTEMS
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Package Contents:

This product contains 50 million beneficial parasitic nematodes (*Heterorhabditis bacteriophora*) in an clay/gel carrier.

Coverage:

This package will treat a surface of up to 2500 ft² or 230 m². (Adjust the rate according to the level of infestation)

Mode of Action:

The beneficial nematodes search actively in the soil for white grub larvae. Once found they enter the white grub through any natural opening in the body and release a bacteria in the grub which causes it to die. These bacteria multiply very rapidly and transform the body of the dead insect into food for new nematodes which are multiplying in their host. These new nematodes leave the body of the dead grub and search for new larvae to infect and kill.

Insects Controlled:

Controls the larvae stage of several white grubs species including the following: European chafer, common chafer, Japanese beetle, Asiatic beetle, May and June beetle, Black vine weevil, strawberry root weevil and other insect pests that live in the soil.

Application Period:

The soil temperature and the stage of development of the grub larvae determine the period of application.

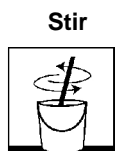
The optimal periods of application in Eastern Canada are as follows. Make adjustments as necessary according to soil temperature.

- 1st Application period: From mid-May until mid-June.
- 2nd Application period: From mid-August to mid-October.
- If you have doubts, apply TERRANEM whenever white grubs are visible (respecting the environmental conditions).

Product Storage:

Apply the nematodes as soon as possible for best product performance. If you cannot apply immediately store in a refrigerator. Always use the product before the expiry date on the bottom of the box.

Mixing & Application:



1. Always follow package instructions.

2. A variety of application devices can be used to apply TERRANEM™:

- Tank Sprayer or Watering Can: Empty the contents of the package into a 20 litre (5 gallon) container of water and stir. Once the product is in solution pour into the sprayer and apply immediately. Do not store mixed solution.
- Hose-end sprayer: Mix the contents of the package in 1 to 2 litres of water. The resulting liquid can be used as a concentrate to fill the tank of most hose-end sprayers. Follow sprayer directions and adjust to the setting that uses the most water. Spray until clear—then refill.

3. If your spraying device contains any screens, remove them prior to application.

4. Always apply when the soil temperature is between 14°C and 33°C. (57°F and 91°F)

5. Moisten the lawn or soil in the area to be treated prior to the application of the nematodes.

6. Always agitate the sprayer or watering can gently during application to ensure a uniform distribution.

7. After the application, water the lawn with a hose or sprinkler to help the nematodes penetrate the soil.

8. **Do not spray in the bright sun as nematodes are sensitive to UV light.!** A cloudy or rainy day is preferable.

9. Keep the soil moist for 4 to 7 days after application to ensure best performance.

10. Avoid using pesticides on treated areas 10 days before and 10 days after treatment.

11. Avoid applying nematodes in windy conditions.

Product Storage: Apply the nematodes as soon as possible for best product performance. If you cannot apply immediately store in a refrigerator. Always use the product before the expiry date on the bottom of the box.

Visible Effects: White grubs infected by nematodes will turn from white/beige to red/brown 7 to 10 days after application.

Notice to buyer: Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property from the use or handling of this product and accepts the product on that condition.

**Safe for people and pets. Harmless to plants. Effective on all species of white grubs.
All natural. Easy to apply.**

