



BioProtec^{NEM}®

Biological solution for the control of white grubs and cutworms found in lawns.

Product Features

- Beneficial nematodes
Heterorhabditis bacteriophora and Steinernema carpocapsae
- **Target species:** Bioprotec[®] nem is a natural solution against moderate larvae infestations of June beetle, European chafer, Japanese beetle, cutworms, webworms and weevils.
- **Mode of action:** Once introduced into the soil, two species of nematodes, Heterorhabditis bacteriophora and Steinernema carpocapsae, hunt down and attack larvae by penetrating their bodies and thereby destroying them. The combination of these nematodes ensures a higher efficacy for the control of root zone pests.
- **Application timing:** Spring and fall.
- **Coverage:** 9 000 ft²/830 m² and 25 000 ft²/2 330 m²
- **Packaging:** Larvae (nematodes) stored in a sponge allowing for a 60 days viability guarantee (refer to the expiration date).
- **Storage:** Store in a dark refrigerated area between 4°C and 12°C. USE BEFORE EXPIRATION DATE. Do not expose to direct sunlight.

Instructions

- Apply when soil temperature is between 12°C and 28°C
- Apply treatment either in the morning or in the evening or when it is cloudy.
- Apply all dosage contained in the sponge. Do not divide.
- Before application, water generously the surface to be treated (minimum 5 mm) or apply nematodes on a rainy day.
- Treat the most affected areas first and then continue application on the entire surface to ensure a complete cover of nematodes.
- After application, water again the treated surface (minimum 5 mm) to ensure penetration of the nematodes into the soil.
- Keep the soil of the treated area humid for a period of 7 days after application.
- **With a sprayer attached to a water hose:** THE SPRAYER MUST NOT CONTAIN ANY FILTERS. Fill the sprayer with water and add the sponge containing the nematodes. Close the sprayer and shake well (for at least one minute). Fix the water hose to the sprayer and open the valve to start application.
- **With a sprayer (manual or motorized) or an irrigation system:** THE SPRAYER MUST NOT CONTAIN ANY FILTERS. In 20 litres or more water (15 to 20°C/59 to 68°F), add the sponge which contains the nematodes. Mix well. Let the solution involve during 5 minutes and mix a second time. Transfer the solution in the sprayer tank or irrigation system and fill the water tank until desired volume. Desired volume depends generally of the surface to treat. More volume of water is important, better are the results. USE THE SOLUTION WHITIN 4 HOURS. ONE-TIME USE ONLY.
- **Method of application:** Use a hose with a diameter of 0.8 to 1 mm (800 to 1000 microns). For all sprayer systems, the pressure should not exceed 75 pounds per square inch (5 bars). The solution must be brewed uninterrupted to prevent the nematodes from settling at the bottom. Avoid the excessive agitation of tank. ATTENTION: NEMATODES ARE VERY SENSITIVE CHEMICAL PESTICIDES.

* BioProtec Nem is registered trade mark of AEF Global

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