

Nemasys Chafer Grub Killer

Active ingredient: insect parasitic nematodes, <i>Heterorhabditis species</i> and water	90%
Other ingredients: inert carrier.....	10%
Total	100%

Each tray contains a minimum of 250 million nematodes. One tray will treat 500 m²

This product is recommended as a curative spray treatment to control the larval stages of the garden chafer (*Phyllopertha horticola*)

DIRECTIONS FOR USE

- 1 tray will make 50 litres of spray solution which should be applied at 100 ml/m².
- Remove all filters, 0.3mm; 50 mesh or finer, from the application equipment.
- Ensure ground to be treated is moist. Ideally, irrigate prior to application.
- Irrigate the treated area directly after application, before the area dries, with up to 3mm of water.

Knapsack sprayer application:

- Make up stock solution by suspending 1 tray in 10 litres of water in a clean bucket. Agitate the stock solution and dilute as follows:
- Take 2 litres of stock solution and add to 10 litres in the knapsack.
- Keep solution agitated and apply immediately at 100ml/m² (10 litres will cover 100m²).
- Repeat with rest of the stock solution.

Boom sprayer application:

- Partly fill tank with cool clean water. Start the agitator and keep running until application is completed
- Empty the appropriate number of trays into a large bucket, add 10 litres water and mix thoroughly
- Rinse bucket contents into the tank through its sieve.
- Add required volume of additional water to the tank
- Apply spray suspension

APPLICATION CONDITIONS

For optimum results:

- Treatment should be applied when chafer grubs are present and close to the soil surface, usually August/September. During October/November grubs move deeper in the soil making them difficult to target.
- To avoid desiccation of the nematodes;
 - Avoid direct sunlight and make application during early morning or late afternoon/evening.
 - Application during rain is highly desirable.
 - Ensure soil is moist prior to application and for at least two weeks after.
 - It is very important to irrigate immediately after application to move the nematodes below the thatch layer
- Soil should be between 12 and 30°C at application.
- Use entire tray at one time (do not sub-divide)
- Use nematodes immediately after mixing

- Agitate nematodes constantly during application

PRECAUTIONS

- Do not use if past expiry date or incorrectly stored.
- This product is compatible with many commonly applied pesticides but some chemicals may reduce the viability and/or efficacy of the product: details are available from your distributor
- This product persists for approximately four weeks, larvae emerging from eggs laid after this time may be poorly controlled
- This product will not control chafer grub adults
- Do not store made up solution for future use
- Do not exceed 300psi/20bar/2000kPa pump pressure

STORAGE AND DISPOSAL

- Upon receipt remove outer packaging
- Store in a refrigerator (5°C) but **do not freeze**
- Ensure good air circulation around each tray
- Use before expiry date
- Disposal: product and packaging waste resulting from the use of this product, or unused, out of date product, may be disposed of on site or at any approved waste disposal facility in accordance with local regulations

CONDITIONS OF SALE AND WARRANTY

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