

Nemasys® G for Grub Control

Nemasys® G Benefits include:

- **Proven curative control**
- **No restrictions in use and no re-entry interval**
- **Natural product safe to applicators, users and the environment.**
- **No requirements for protective clothing**
- **No concerns for residue run off**

How Nemasys G works

Nemasys G contains live nematodes in their vigorously infective stage. These nematodes attack pest larvae by entering their natural body openings. Once inside, they release symbiotic bacteria that quickly kill the insect. Reproduction inside the insect releases a new generation of hungry infective juveniles which disperse in search of further prey.

Active Ingredients: *Heterorhabditis bacteriophora* & water90%
 Other ingredients: inert carrier.....10%

Guaranteed Analysis: Each tray contains a minimum of 250 million Nematodes.

Rates and Applications:	Target	Rates
	European Chafer Grub <i>Rhizotrogus majalis</i>	3 billion per acre or (12 trays per acre) (1 tray treats 3600 sq. ft.)
	Oriental Beetle Grub <i>Exomala orientalis</i>	1 to 2 billion per acre or (4 to 8 trays per acre)
	Japanese Beetle Grub <i>Popillia japonica</i>	(1 tray treats 5400 sq. ft. to 10,800 sq. ft.)

DIRECTIONS FOR USE

- Use 65 to 130 gallons of water per acre spray solution. (1.5 to 3 gallons per 1000 sq. ft.)
- Remove all filters 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 1/8 of an inch of water.

Boom sprayer application:

- Partly fill tank with cool clean water. Start the agitator and keep running until application is completed.
- In a large bucket of 2.5 gallons water, empty the appropriate number of trays, and mix thoroughly.
- Rinse bucket contents into the tank through its sieve.
- Add required volume of additional water to the tank.
- Apply spray suspension to target site.

Backpack sprayer application:

- Make up stock solution by mixing 1 tray in 3 gallons of water. Agitate the stock solution and dilute as follows:
 -Add 1 gallon of stock solution to 2 gallons in the backpack. (3 gallons treats 1200 sq. ft., for 3 bil./ac. rate)
 -Add 3 quarts of stock solution to 2.25 gallons in the backpack. (3 gallons treats 1350 sq. ft., for 2 bil./ac. rate)
- Repeat with rest of the stock solution.



APPLICATION CONDITIONS

For optimum results:

- Use when most grubs are in the 1st and 2nd instar.
- 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 54° and 86° F at application.
- Use entire tray at one time (do not sub-divide contents of tray).
- 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 will not control the adult stages of the chafer and beetle grubs.
- Do not attempt to hold or store mix solution overnight.
- Do not exceed 150 psi pump pressure.

STORAGE AND DISPOSAL

- Upon receipt remove outer packaging.
- Store in a refrigerator (41°F) 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

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