

Use before expiry date shown on film lid of pack.
Store in a refrigerator, but do not freeze.
Do not leave pack in direct sunlight.
For more information visit www.nemasysinfo.co.uk

Nemasys®
Biological Garden
Chafer Grub Killer

BASF
We create chemistry

Nemasys®

Biological Garden Chafer Grub Killer

- Effective natural control
- Compatible with organic gardening
- Easy to use, just add water

Refrigerate on receipt. Adhere to the Use By Date.

Treats lawns up to 100m².

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Technical Enquiries 0845 602 2553 (office hours)
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Nemasys®

Biological Garden
Chafer Grub Killer

If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.

Nemasys® Biological Garden Chafer Grub Killer uses nematodes (*Heterorhabditis bacteriophora*).
All our nematode products are continually quality tested to ensure effectiveness.

Nemasys® Biological Garden Chafer Grub Killer controls newly hatched larvae that attack grass roots resulting in slow growth and yellow patches on lawns.

For best results:

- Always use in accordance with instructions.
- Upon receipt, use immediately or store in a refrigerator (do not freeze).
- Do not use product beyond Use by Date.
- Use the entire packet at one time, do not store stock solution.
- Keep the nematode suspension agitated, as nematodes settle out quickly.
- Apply August, September and October (when soil temperature is above 12 °C) but no later as grubs then move deeper into the soil and are out of reach.
- Two applications 2-4 weeks apart, would help to achieve higher levels of pest control.
- Lawns with an excessive layer of thatch can restrict the movement of nematodes into the soil; consider scarification when appropriate.
- Cut grass prior to application.
- Avoid applications in bright sunlight.
- Apply in the evening or in dull conditions.
- Ideally apply during rainfall.
- It is important to water treated areas thoroughly and immediately after application to ensure the nematodes reach the soil.
- Soil must be moist before and for at least 2 weeks after application.
- Infected grubs stop feeding and die within 2-4 weeks.
- The common garden chafer (*Phyllopertha horticola*) is susceptible to nematodes. Other minor species (e.g. Welsh chafer) are less or not susceptible at all.

See inside sleeve for further information.

How to use:

1. Dissolve the entire contents of the pack in a bucket containing 5 litres of water to create a stock solution.
2. Stir vigorously and immediately take 0.5 litre of the stock solution, add to an empty watering can fitted with a **very coarse rose** (≥1.4 mm diameter holes) and fill with 4.5 litres of water.
3. Apply the solution to a tenth of the soil area to be treated.
4. Repeat steps 2 and 3 until the whole area is treated.
5. Water the treated area after application.



This pack fills 10 watering cans of 5 litres and treats up to 100 m² (120sq yds). Also easily applied with a recommended garden hose applicator – see inner sleeve or visit www.nemasysinfo.co.uk



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Chafer grubs are creamy coloured with distinct legs (unlike vine weevils). Chafer beetles emerge from lawns and lay eggs, which hatch into grubs that feed on roots. They burrow deeper for winter and lie dormant before surfacing in spring to emerge as beetles. Chafer grubs attack grass roots resulting in slow growth and yellow patches. Grass is easily pulled up where affected turf has little or no roots.

Wildlife, such as foxes and badgers, can create additional damage by digging to search for grubs, as do birds - a good sign of an infestation. Dig up a piece of turf and inspect the root zone to confirm the presence of pest.

Application by garden hose applicator

Add half of the contents of the pack to the bowl of the feeder. Fill the bowl with water, mix thoroughly until fully dispersed and attach the hose. With the feeder in an upright position, apply evenly to half of the area using a side-to-side motion. Application will take approximately 8 minutes (on Variable spray Miracle-Gro® Feeder set spray to 'flat') under standard water pressure conditions. Repeat the above procedure with the other half of the contents of the pack to treat the other half of the area. To make sure the nematodes are adequately watered in, treat the same area again for a further 8 minutes if treating a vegetable patch or 16 minutes if treating a lawn. Applications to lawns require more water to wash the nematodes through the grass thatch.

LICENCE CONDITIONS

Before opening this product, you must read and ensure that you can comply with the **full set** of licence conditions for the country you are using it in.

- England Defra Grower's Licence (NN-BCA-23-05 G)
- Wales Natural Resources Wales Grower's Licence (S091914/2g)
- Northern Ireland NI Environment Agency Grower's Licence (PCO/4/22)

The licences are available via the QR code below or using the following weblink:
www.nemasysinfo.co.uk/product-licences



A paper copy of the licences can be obtained by phoning 0845 602 2553 or by writing to technicalhotline@basf.com.

The licence conditions include the following requirements:

- The product must only be used:
 - in England on gardens, soft fruit, nursery stock, sports and amenity turf, and pasture or
 - in Wales on gardens, soft fruit, nursery stock, sports and amenity turf or
 - in Northern Ireland on soft fruit and nursery stock (open soil and containers), sports and amenity turf, domestic gardens, and pasture.
- If there is evidence that the nematode has become established or has caused unanticipated harm in the environment in and around the area it has been applied, BASF must be notified immediately by email (technicalhotline@basf.com) or by phone (0845 602 2553).
- The instructions on use, management procedures, grower guidelines and monitoring protocols must be complied with.

Releasing *Heterorhabditis bacteriophora* otherwise than in accordance with the terms of the licence may constitute an offence.