

# Nemasys®



## Biological leatherjacket 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 100m<sup>2</sup>.

BASF plc.,  
Agricultural Solutions, 4th and 5th Floors, 2 Stockport Exchange,  
Railway Road, Stockport SK1 3GG, Telephone: 0161 475 3000  
Emergency Information (24 hour Freephone) 00 49 180 2273112  
Technical Enquiries 0845 602 2553 (office hours)  
[www.agricentre.basf.co.uk](http://www.agricentre.basf.co.uk)



## Nemasys® Biological leatherjacket 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 leatherjacket killer uses nematodes (*Steinernema feltiae*), naturally occurring microscopic living organisms already present in the soil.


All our nematode products are continually quality tested to ensure effectiveness.

Nemasys® Biological leatherjacket 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 nematodes two weeks after you see a peak of crane flies (daddy longlegs). August to October applications (when soil temperature is above 10°C) control most problematic leatherjacket species.
- 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 leatherjackets stop feeding and die within 2 – 4 weeks.

### 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 thoroughly after application.

This pack fills 10 watering cans of 5 litres and treats up to 100m<sup>2</sup> (120sq yds). Also easily applied with a recommended garden hose applicator – see inner sleeve or visit [www.nemasysinfo.co.uk](http://www.nemasysinfo.co.uk)



See inside sleeve for further information.

67679010 GB 2084

# Nemasys®

## Biological leatherjacket killer

Leatherjackets are greyish-black, legless and with no distinct head. They are the larval stage of the crane fly (daddy longlegs) which tend to appear towards the end of April and August and lay eggs in lawns within days. These hatch within 2 weeks and start to feed. Leatherjackets 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 presence of pests.

Using the biological power of nematodes to protect your lawn and plants:

- Nematodes are naturally occurring microscopic worms, already present in our soil in the UK.
- Increasing nematode numbers in soil helps to reduce the pest populations.

### 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.

### How nematodes work:

- Our specially selected nematodes attack the pest by entering natural body openings or by penetrating the insect cuticle directly.
- Once inside, they release bacteria that stops the pest from feeding, quickly killing the pest.

- They do not stop there. The nematodes reproduce inside the dead pest and release a new generation of hungry nematodes, which disperse to hunt down further prey.
- When nematodes can no longer find prey they will die back to their original numbers.

Scan QR code for further information:



Miracle-Gro® is a registered trademark of The Scotts Company LLC or its affiliates.