



Leatherjacket Killer

Beneficial Nematodes

- Natural control of Leatherjackets
- Applied with water
- Contains 25 million nematodes
- Treats up to 50sqm



Leatherjacket Killer

Beneficial Nematodes

Leatherjacket Killer provides a biological control solution for Leatherjacket larvae (also known as Crane fly) in lawns using entomopathogenic nematodes (*Steinernema species*). Nematodes are living organisms that can be used to control insect pests including Leatherjackets. These are the larvae of Crane Flies, often known as Daddy-long-legs. Damage to lawns is caused by the larvae feeding on grass roots, which can lead to yellowing areas of grass. Secondary damage is often caused by animals and birds attracted to lawns to feed on the Leatherjackets. Severe damage can be caused by animals ripping up areas of lawn. Leatherjackets overwinter in the soil and can appear close to or on the surface, as early as February in certain weather conditions. Leatherjacket Killer can be applied early in the year but is less effective in cold soils. The nematodes will also be killed by sustained freezing conditions. The optimum period for applying Leatherjacket Killer nematodes is in the late summer, after Daddy-long-legs are observed or new lawn damage is seen. This is the time when the soil is warm, providing good conditions for the nematodes and the Leatherjacket larvae are smaller, making them easier to kill.

Leatherjacket Killer nematodes provide a safe, natural solution for control of Leatherjackets. Nematodes enter the Leatherjackets via a natural opening like the mouth and feed on the contents of the Leatherjacket. A natural bacterium is produced by the nematodes inside the Leatherjacket, which kills it. The nematodes also reproduce inside the Leatherjacket, releasing more nematodes into the surrounding area. Once the Leatherjackets are killed, the nematodes die back to natural levels in the soil. Leatherjacket Killer nematodes have no negative effects on plants, humans, birds, fish or mammals.

Leatherjacket Killer can be applied with watering cans, Hose end sprayer nematode applicators or sprayers. If using hose end applicators, read the manufacturer instructions and if applying with sprayers, take out any filters prior to use.

Preparation prior to application

- For best results apply Leatherjacket Killer nematodes between August-October.
- Spring applications should be repeated late summer/early autumn.
- For severe infestations, apply two applications, two weeks apart.
- Scarify or spike lawn area, if grass thatch is thick, this will aid passage of nematodes into the soil.
- Cut grass prior to application.
- Soil should be moist at application and water treated areas after application.
- Apply on dull or wet days, avoid application on bright days, as nematodes are U.V sensitive.
- Soil temperature should be 10.c plus for nematode activity.

Application

- Open nematode sachet and empty entire contents into a bucket of 2.5 litres of water to create nematode concentrate solution.
- Stir thoroughly to break up and dissolve carrier material.
- Add 0.5 litre of nematode concentrate solution to an 8 litre watering can and fill with water.
- Using a coarse rose apply contents to an area of 10 square metres.
- One pack will make 5 watering cans to treat an area up to 50 square metres.
- Use all the contents of the pack once opened and do not store made up concentrate solution.
- Nematodes can also be applied with some hose end feeder /nematode applicators and sprayers.

Post application

- Ensure lawn area is moist for up to 2 weeks after application.





Leatherjacket Killer

Beneficial Nematodes

Application periods



- Please read inside of pack for detailed application information
- *Spring application needs to be repeated in the summer
- Use nematodes on receipt or fridge store (do not freeze)
 - Do not fridge store longer than use by date
- Leatherjacket Killer is safe for children, pets and wildlife



For more information, please visit www.dragonfli.co.uk



Vine Weevil Killer

Beneficial Nematodes

- Natural control of Vine Weevils
 - Applied with water
- Contains 25 million nematodes
 - Treats up to 50sqm





Vine Weevil Killer

Beneficial Nematodes

Application periods



- Please read inside of pack for detailed application information
- Use nematodes on receipt or fridge store (do not freeze)
 - Do not fridge store longer than use by date
- Vine Weevil Killer is safe for children, pets and wildlife



For more information, please visit www.dragonfli.co.uk

Vine Weevil Killer

Beneficial Nematodes

Vine Weevil Killer (spring) provides a biological control solution for Vine Weevil with entomopathogenic nematodes; *Heterorhabditis bacteriophora*. This species can be used earlier in the year when soil/compost temperatures are lower or in the autumn. Nematodes are living organisms that can be used to control insect pests including Vine weevil larvae. These larvae feed on the roots of plants causing significant damage, often leading to plant death, symptoms include the plants looking like they need watering. Vine weevil larvae are often found in and around the roots. Adult Vine weevils feed on leaves with damage showing as notches or half-moon shaped cuts on the edges of leaves. All adult Vine weevils are females and can lay high numbers of eggs, which develop into plant damaging larvae. Nematodes enter the larvae via a natural opening like the mouth and feed on the contents of the Vine weevil larvae. They release a natural bacterium inside the larvae, which kills it. Infected grubs will often change colour and will be completely broken down by the nematodes. Vine Weevil Killer nematodes have no negative effects on plants, humans, birds, fish or mammals.

Vine Weevil Killer can be applied with watering cans, Hose end sprayer nematode applicators or sprayers. If using hose end applicators, read the manufacturer instructions and if applying with sprayers, take out any filters prior to use.

Preparation prior to application

- For best results apply nematodes between Jan-May and August-December
- Soil or compost temperature should be above 8.c for nematode activity.
- Ensure compost/soil is moist at time of application.
- Avoid application in bright conditions, as nematodes are U.V sensitive.



Application

- Open nematode sachet and empty entire contents into a bucket of 2.5 litres of water to create nematode concentrate solution.
- Stir thoroughly to break up and dissolve carrier material.
- Add 0.5 litre of nematode concentrate solution to an 8 litre watering can and fill with water.
- Using a coarse rose apply contents to an area of 10 square metres.
- One pack will make 5 watering cans to treat an area up to 50 square metres.
- If applying to pots, make sure nematode solution reaches root zone at the bottom of pots.
- Use all the contents of the pack once opened and do not store made up concentrate solution.
- Nematodes can also be applied with some hose end feeder /nematode applicators and sprayers.



Post application

- Ensure soil area is moist for up to 2 weeks after application.





dragonfli



www.dragonfli.co.uk

Slug Killer Nematodes Application Instructions

How To Use:

- 1.** Dissolve pack contents in a bucket containing **4L** of water if making up the **40sqm** pack, or **10L** of water if making up the **100sqm** pack.
- 2.** Stir vigorously, then add **0.5L** of the solution to an empty watering can (fitted with a coarse rose filter) and fill the can with **4.5L** of water.
- 3.** Apply the solution to a twentieth 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.

The 40sqm pack will make a total of **8 watering cans** of 5L capacity. The 100sqm pack will make **20 watering cans**. The nematodes can be applied with nematode applicators such as the **Nema Super Sprayer** or the **Nema T-Pot**.

For Best Results:

- Upon receipt, use immediately or refrigerate for up to 3 days.
- Do not use product beyond Use By Date.
- Use entire packet at one time. Do not store stock solution.
- Keep the solution agitated as nematodes settle quickly.
- Use when slugs are active and soil temperature is above 5 degrees.
- Avoid application in bright sunshine.
- Apply in the evening, in dull conditions. Ideally during rainfall or during periods of high humidity.
- Soil must be moist prior to, and for two weeks following application.
- Application provides 6 weeks of control. Re-apply to continue protection.
- Infected slugs stop feeding quickly and die below ground in 4-21 days.



Contact us