

Nemasys®

Use the Power of Nematodes to Protect Your Plants



Nemaslug®

Slugs

The Simple Solution

Voracious slugs can decimate tender plants – eating twice their own body weight each day with their 25,000 teeth! Slugs are generally active when your plants start to grow, when the soil temperature is over 5°C. They leave a tell tale slime trail behind them as they move along. Young slugs tend to stay underground, feeding on humus (decaying organic matter). This creates an unseen menace, developing out of sight and just waiting for your young seedlings to be planted. Slugs breed all year round. There are two overlapping generations usually with peaks of egg laying in March-April and September-October.



Use **Nemaslug® Slug Killer** when slugs are active. One application gives six weeks control.

J F M A M J J A S O N D

This pest is best targeted during these months.



Chafer Grubs

Chafer grubs are creamy coloured and about 15mm (0.6") in length, have distinctive legs, and are found in the root systems of plants and lawns. They are often mistaken for vine weevil larvae but chafer grubs have legs. They attack grass roots. Grass growth slows and yellow patches appear. Grass is easily pulled up, with little or no root growth. Wildlife, such as foxes and badgers, can also create a lot of damage as they dig up your lawn in search of grubs for food. Rooks, magpies, crows and woodpeckers feeding on your lawn are a good sign of a chafer grub infestation. Chafer beetles emerge from the lawn and lay their eggs, which hatch into grubs feeding on the grass roots before burrowing deep into the ground. They then lie dormant deep in the soil before moving to the surface in the spring to emerge as beetles again.



Use **Nemasys® Chafer Grub Killer** to kill the pest.

J F M A M J J A S O N D

This pest is best targeted during these months.



Vine Weevil

It is the larvae of the vine weevil that is the unseen threat to your plants as they eat the roots, cutting off the plant's life support system – usually before you notice. All adult beetles are female and can lay thousands of eggs in their lifetime. The eggs hatch into larvae that are 'C' shaped and legless, with a small head. The larvae feed and grow throughout late summer and autumn. Plants such as fuchsia, primula, begonia, geranium and most evergreen plants, which have fleshy roots, are particularly favoured, as are strawberry and raspberry plants. Adults eat plants leaves in summer and autumn, leaving distinctive crescent-shaped notches.



Use **Nemasys® Vine Weevil Killer** to kill the larvae in pots and open ground.

J F M A M J J A S O N D

This pest is best targeted during these months.



Caterpillars

Caterpillars come in a vast range of sizes, shapes and colours. Fortunately very few of these are of any problem to the gardener that need controlling. The most common of the troublesome ones are the distinctive Large and Small Cabbage White Caterpillars, up to 40mm and 25mm long respectively and both have two generations a year with caterpillars occurring from spring to early autumn. They can easily decimate a vegetable plot, especially brassicas. Nemasys Caterpillar and Codling Moth Killer works on caterpillars that are sprayed directly with the product, so it is easy to avoid targeting caterpillars that you do not want to kill.



Use **Nemasys® Caterpillar and Codling Moth Killer** to kill the pest.

J F M A M J J A S O N D

This pest is best targeted during these months.



Leatherjackets

Leatherjackets are the larval stage of the crane fly (daddy long legs). The leatherjackets eat the roots of grass, whilst birds and wildlife can cause even greater damage as they dig up your lawn looking for the tasty grubs. Signs to look for include slow grass growth, yellowing grass patches and grass that is easily pulled up. Leatherjacket larvae are about 25mm (1" long), greyish black in colour, legless and with no distinct head. When you start to see the adult daddy-long-legs in your garden (towards the end of August) you will know that in a few days they will be laying eggs. These will hatch quickly, within two weeks. The young start to feed, continuing throughout winter, ready to gorge on grass roots in spring.



Use **Nemasys® Leatherjacket Killer** to kill the larvae 2 weeks after you see the adult daddy long legs emerging.

J F M A M J J A S O N D

This pest is best targeted during these months.



Codling Moth

The Codling Moth Caterpillar is small and white with a brown head. It burrows into the fruit of apples and pears in mid to late summer. By the time the fruit is ripe they have finished feeding and drop on to the bark of the tree and the soil immediately underneath to over-winter ready for the moths to emerge in the late spring. The Codling Moth feeds on the core of the fruit of apples and pear and to a lesser extent walnut and quince. When they have eaten the fruit they exit leaving a small reddish brown hole in the skin. Upon cutting the fruit open you may find that there is very little left that can be eaten!



Use **Nemasys® Caterpillar and Codling Moth Killer** to kill the pest.

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The Simple Solution

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Use the Power
of Nematodes
to Protect Your Plants



INSIDE! your FREE pest poster...



How Nematodes Work

- Nematodes are tiny worm like creatures. At 500 microns long by 20 microns wide, they are invisible to the human eye.
- There are more species of nematodes than insects.
- These 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.
- Once they have killed the pest for which they have been bred they die back to their natural numbers.



A slug infected with nematodes - you can tell from the swollen mantle on its back.



Nematodes viewed through a microscope

See Our Websites:



Advice Line Freephone:
0800 085 3105

www.chatersurvey.co.uk

www.sluginvaders.com

www.safegardens4u.co.uk

www.nemasysinfo.com

Where to Buy

Nemaslug® and other Nemasys® products can be bought from a wide range of approved distributors. See our website www.nemasysinfo.com for details or call our freephone advice line on 0800 085 3105

Quality, Care and Safety

All products in the Nemaslug® and Nemasys® range are safe for children, pets and wildlife. Pets and children do not need to be excluded from the areas during or after treatment and no special precautions are required.



All of our nematode products are thoroughly tested at various stages of production to ensure the nematodes being produced kill the target pest. For example, we even have our own slug farm to make sure we have enough slugs to do all year round testing of Nemaslug®.

Once made, the stored products are test sampled regularly to ensure the nematodes in the packs kill the target pests.

All of these processes are registered and are part of our ISO 9001:2000 certification, which is externally audited every year.

