fargro®
Ask the Specialists!

Nematodes for the control of Vine Weevil

Vine Weevil Larvae
in growing media

Vine Weevil *(Otiorynchus sulcatus)* is one of the most serious pests seen on ornamental nurseries.

It is a constant threat, especially in Hardy Nursery Stock (HNS), as adults can arrive on site from any number of sources, including brought in plants, and establish a population. Once on site numbers can build rapidly over a year or two, and if not kept in check can cause considerable damage.

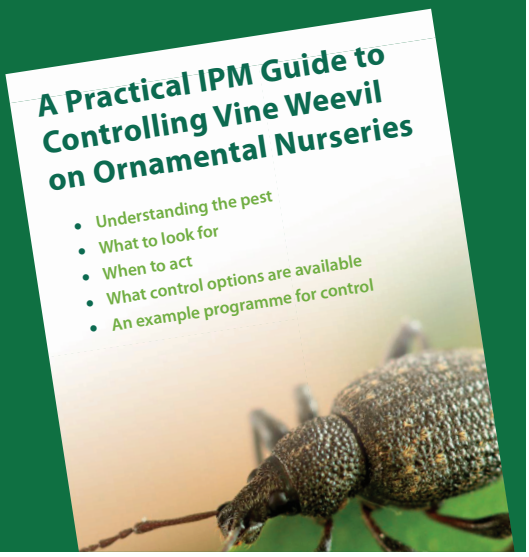
Leaf notching caused by adults feeding

A Practical IPM Guide to Controlling Vine Weevil on Ornamental Nurseries

- Understanding the pest
- What to look for
- When to act
- What control options are available
- An example programme for control

Find Detailed practical information in the booklet on implementing a complete IPM programme for Vine Weevil control, including compost incorporated products and adult controls.

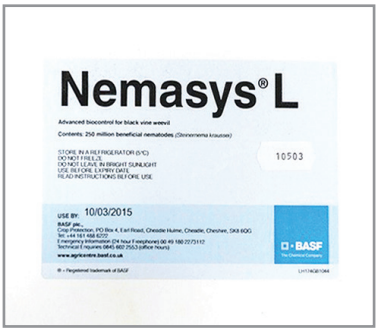
A Practical IPM Guide to Controlling Vine Weevil on Ornamental Nurseries which is available from the Fargro website. **www.fargro.co.uk**



Fore more assistance please call : **01903 256 856** or email : **technical@fargro.co.uk**

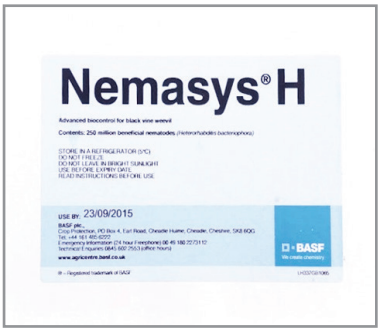
Nematodes for the control of Vine Weevil

In spring if larvae are found within the pots it will be necessary to apply a curative drench treatment with nematodes. There are 2 nematodes that may be used for control of Vine Weevil larvae.



Nemasys L

Steinernema kraussei an efficient vine weevil killer that is active down to temperatures as low as 5°C. This makes it the ideal product to use from early spring onwards.



Exhibitline H

Heterohabditis bacteriophora works at temperatures above 12°C. Turns larvae red as it kills them which can be a useful indication of treatment success.

TARGET : Vine Weevil larvae in the growing media.

USAGE : The 50 million pack treats up to 100m² in pots or 50m² in open ground. The 250 million pack treats up to 500m² in pots or 250m² in open ground.

NOTE : Gives control for 4-6 weeks as part of an IPM programme for Vine Weevil control.

PRODUCT CODE : FGGRE, FGGRD

TARGET : Vine Weevil larvae in the growing media.

USAGE : The 50 million pack treats up 100m² in pots or 50m² in open ground. The 250 million pack treats up to 500m2 in pots or 250m² in open ground.

NOTE : Gives control for 4-6 weeks as part of an IPM programme for Vine Weevil control.

PRODUCT CODE : FGYRO, FGYRP

When used correctly nematodes can provide an excellent corrective treatment effect. Studies and experience have shown control levels in excess of 90% in many cases. Success however is based very much on correct timing and application.

How to apply Nematodes

Application of nematodes can be made using standard spray equipment, lances, Dosatrons, via irrigation lines, or even by watering can in those situations where relatively small areas are to be treated. Nematodes are generally quite resistant to pressure and will not be harmed by the pressures regularly found in hydraulic spray equipment. However, it is essential to follow the manufacturers guidelines and these few general rules.

1. Spray equipment must be cleaned thoroughly before use with nematodes. Chemical residues may be detrimental to them.
2. Fine filters should be removed as these can create blockages when applying nematode products.
3. If applying via irrigation lines ensure these are free of deposits that may cause blockages.
4. Water temperature should be between 5 and 25°C.
5. The water tank must be constantly agitated throughout the process as nematodes settle out very quickly at the rate of approximately 1cm/minute.
6. It is standard to apply drench treatments at between 5% and 10% of pot volume. For example, a 1 litre pot would require a drench of 50ml to100ml of diluted product.

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