



Carrot Root Fly Killer

Beneficial Nematodes

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





Carrot Root Fly 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
- Carrot Root Fly Killer is safe for children, pets and wildlife



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

Carrot Root Fly Killer

Beneficial Nematodes

Carrot Root Fly Killer provides a biological control solution for Carrot Root Fly (*Psila rosae*) using entomopathogenic nematodes (*Steinernema species*).

Nematodes are living organisms that can be used to control insect pests including Carrot Root Fly larvae. The larvae of Carrot Root fly are creamy/yellow in colour and create brown tunnels inside the carrots and feed on the tap roots. Carrot Root fly adults are small black flies that lay eggs in the soil around the Carrots, these develop into the larvae that attack the Carrots. There are normally two generations a year and the Carrot Root fly larvae can often be found between May-June and August-October. These are the two key periods to apply Carrot Root Fly Killer nematodes.

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

Carrot Root Fly 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 Carrot Root Fly Killer nematodes between May-June and August-October.
- 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 soil area is moist for up to 2 weeks after application





Carrot Root Fly Killer

Beneficial Nematodes

- Natural control of Carrot Root Flies
 - Applied with water
 - Contains 50 million nematodes
 - Treats up to 100sqm





Carrot Root Fly 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
- Carrot Root Fly Killer is safe for children, pets and wildlife



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Carrot Root Fly Killer

Beneficial Nematodes

Carrot Root Fly Killer provides a biological control solution for Carrot Root Fly (*Psila rosae*) using entomopathogenic nematodes (*Steinernema species*).

Nematodes are living organisms that can be used to control insect pests including Carrot Root Fly larvae. The larvae of Carrot Root fly are creamy/yellow in colour and create brown tunnels inside the carrots and feed on the tap roots. Carrot Root fly adults are small black flies that lay eggs in the soil around the Carrots, these develop into the larvae that attack the Carrots. There are normally two generations a year and the Carrot Root fly larvae can often be found between May-June and August-October. These are the two key periods to apply Carrot Root Fly Killer nematodes.

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Preparation prior to application

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- 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 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 10 watering cans to treat an area up to 100 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 soil area is moist for up to 2 weeks after application





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Carrot Root Fly Killer Nematodes 500 & 1000sqm - Application Instructions (Watering Can)

Please use immediately upon receipt

Required Conditions:

- Soil temperature must be above 10°C
- Do not apply the nematodes in bright sunshine as nematodes are U.V sensitive
- Ensure soil is moist before applying nematodes

Application:

500sqm Pack:

- Split pack into two equal halves
- Add one half of the nematodes to 12.5L of water to create working concentrate
- Stir thoroughly to break up any lumps
- Add 0.5L of the concentrate to an 8L watering can and fill with clean water
- Using a coarse rose apply to 10 square metres of soil
- This half pack will fill 25 watering cans to treat a total area of 250 square metres
- Make sure to stir the bucket before taking out each 0.5L concentrate
- Repeat this process for the remaining half of the pack

1000sqm Pack:

- Follow the above instructions, repeating the process four times to apply both halves of your two nematode packs

Storage:

- If you cannot apply immediately, store in the fridge (4°C) and use as soon as possible
- Do not freeze the nematodes

Next Steps:

- Water area treated after use and keep moist for a week after application
- Repeat application, if required, every four weeks until no more Carrot Root Fly larvae are present