

# *Steinernema carpocapsae*

## for the control of Shore Fly



### Basic Biology of Nematodes

Predatory nematodes are one of the more unusual tools available to producers to help control pests of food and ornamental crops. With the steady advance of scientific research, these beneficial nematodes are becoming both more common and less expensive. Of the more than 80,000 species of nematodes known to exist, only a few are insect-parasitic (entomopathogenic). We can and do use them to our benefit, and there are several commercially developed and produced species available for several situations.

### How to Use Nematodes Against Shore Fly

Shore Fly (*Scatella stagnalis*), mostly a nuisance pest found in greenhouses, can be controlled by *S. carpocapsae*. Shore Flies disfigure ornamentals by dropping frass on the foliage, can spread soil-borne diseases, and are just plain annoying.

Apply *S. carpocapsae* preventively or curatively (but the prophylactic strategy is best) to the media at 250 million nematodes per 250 square meter, weekly at first. Since Shore Flies are commonly found near algae and standing water, target applications to those areas. When the population of Shore Fly decreases, less can be applied. Spray them using about 50 L of water per 100 square meters. Use blackout curtains if necessary to reduce the chances of the nematodes heating up and drying out

- Entomopathogenic nematodes are best when used as preventative practice.
- Know your pests and always monitor populations.
- Results may not be noticeable immediately. Nematodes and other bio-controls are not pesticides and do not act instantaneously.
- Nematodes can be used in conjunction with other bio-controls.

### How to Order

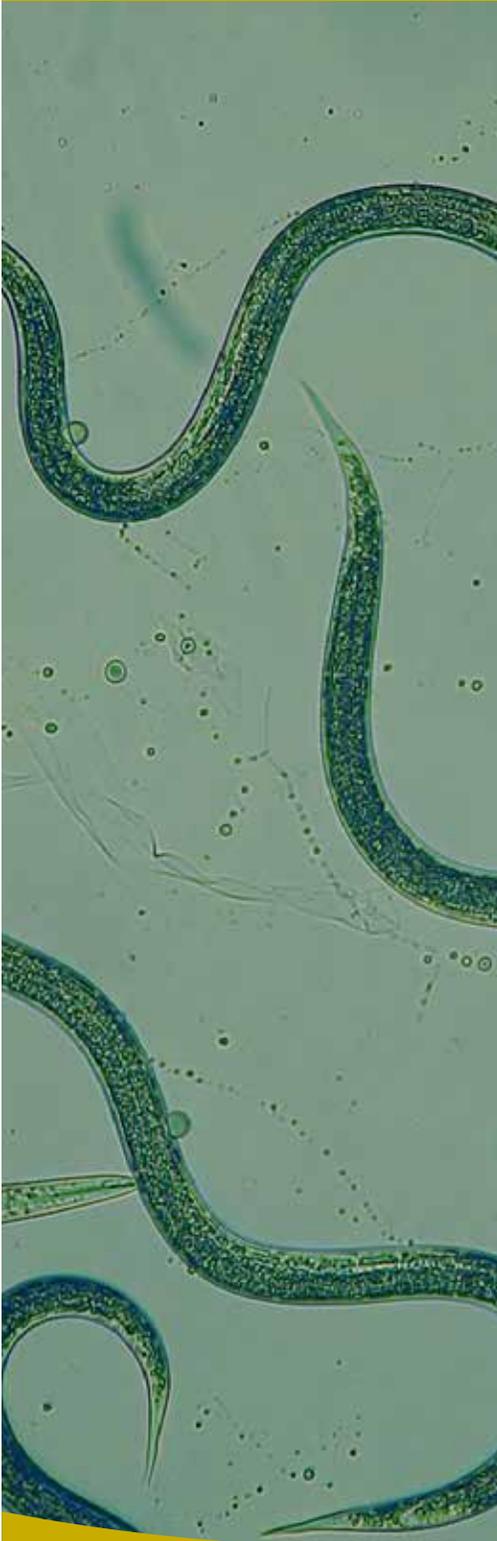
*S. carpocapsae* is available in units of million, 250 million or 500 million.

Please order by the end of the day every Wednesday for delivery the following Tuesday. For large amounts, please inquire with the TerraLink Sales Desk at 1-800-661-4559.

For tech sheets on other nematodes offered by TerraLink, or more information in general, type "nematode" into the search bar on the front page of our website, [www.tlhort.com](http://www.tlhort.com).

# Beneficial Nematodes

## for Greenhouse Production



### TerraLink: Now a distributor of Beneficial Nematodes!

TerraLink has become a primary distributor for beneficial nematodes to commercial greenhouse producers in BC and Alberta. Insect-parasitic nematodes have been used for many years as bio-control alternatives to chemical applications. We can supply the following species for greenhouse production:

Beneficial Nematode	Target Pests
Steinernema feltiae	Western Flower Thrips, Fungus Gnat
Steinernema carpocapsae	Shore Fly, Cutworms, weevils

### General Guidelines on How to Use Beneficial Nematodes:

- As with any biological control, beneficial nematodes are best used as a preventative practice. Large pest infestations may take some time to control with repeated applications.
- Use a spray application system with filters no smaller than 50 mesh, nozzle apertures larger than 0.5 mm, and lower than 300 psi pump pressure.
- Make sure to use a spray adjuvant in your nematode solution.
- Upon mixing your nematodes into solution, use it within 2 hours for best results.
- Agitate the solution, preferably with an air circulation system.
- Apply in early morning or the evening, to avoid drying and exposure to UV light.
- Beneficial nematodes have a storage shelf life of about two months, provided they are kept at 2-5 degrees and moist, but not frozen.

For more information please contact your TerraLink Sales Representative:

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