



Producing Beneficial Nematodes Since 1985

## Nematode

### Application Instructions

#### REFRIGERATE UNTIL USE

Beneficial nematodes are microscopic predatory worms that hunt down and kill pest insects, but are safe for people, pets, and plants.

Size	Coverage Area ft <sup>2</sup>
5 Million	200
10 Million	400
25 Million	1000
50 Million	2000
100 Million	4000

Easily apply with Nema-Jet, hose end sprayer, pump sprayer, or watering can.

## Directions-Start Here

- 1) Apply in the evening: avoid direct sunlight
- 2) Water application area thoroughly
- 3) Using directions below mix nematodes with clean cold water and apply with:



Watering Can



Nema-Jet/Hose End Sprayer



Pump Sprayer

- 4) Water area again, washing nematodes off foliage

## Tips For Application

- Nematodes can be applied anytime the soil is not frozen, however nematodes may not be active until soil temperatures increase
- Reduce coverage area by half for heavy infestations
- Borers: use pump sprayer, spray directly into active bore holes, and close hole with wax
- Fire ants: use watering can, pour 1 gallon of nematode mixture down each active hill. **USE CAUTION!**
- Fleas: concentrate application in areas pets frequent, shaded areas, under porches and around structures
- Fungus gnats: treat entire greenhouse or plant inventory
- White grubs: treat in late summer or early fall



### Watering Can

- A) Thoroughly mix 1/4 packed teaspoon of nematodes per **gallon** of water
  - B) Add mixture to watering can and apply
- ☒ Each gallon treats 50 ft<sup>2</sup>

Beneficial nematodes are found throughout the world, but concentrations are too low to be effective. Horticultural practices such as cultivation and soil steaming kill beneficial nematodes. Therefore, soils need to be augmented with beneficial nematodes. Beneficial nematodes are completely harmless to people, pets, and plants, by ingestion or injection. There is no phytotoxicity. The US Environmental Protection Agency (EPA) has exempted beneficial nematodes from the registration required for chemicals (Federal Register vol. 47 #106, 23928). Recycle container after use, do not reuse. Not for human consumption. Store away from children. May cause allergic reaction. No warranty expressed or implied of any other purpose than stated here.



### Nema-Jet or Hose End Sprayer

- i) Thoroughly mix 3 packed teaspoons of nematodes per **cup** of water in separate container
  - ii) **Ensure there are no clumps of nematodes in mixture-strain if necessary**
  - iii) Add mixture to sprayer reservoir
  - iv) Set Nema-Jet control to "ON" or set hose end sprayer to highest setting and apply
- ☒ Each cup of solution treats 600 ft<sup>2</sup>

For help, complete list of pests, or to contact us visit:

[www.biologicco.com](http://www.biologicco.com)



### Pump Sprayer

- a) Thoroughly mix 1 packed teaspoon of nematodes per **gallon** of water
  - b) Add mixture to pump sprayer and apply
- ☒ Each gallon treats 200 ft<sup>2</sup>

BioLogic Company has been producing beneficial nematodes since 1985. We strive to deliver our customers quality products grown and produced in the USA.



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# Common Pests Controlled By Nematodes

## Scanmask (*Steinernema feltiae*)

Armyworms	Dogwood Borers	Poplar Clearwing Borers
Banana Root Borers	Fire Ants	Raspberry Crown Borers
<b>Black Currant Borers</b>	<b>Flea Beetle Larvae</b>	<b>Root Knot Nematodes</b>
<b>Black Vine Weevils</b>	Flea Larvae/Pupae	Shore Flies
<b>Cabbage Root Maggots</b>	<b>Fungus Gnat Larvae</b>	Sod Webworms
<b>Carpenterworms</b>	<b>Gypsy Moth Larvae</b>	<b>Strawberry Weevils</b>
Codling Moth Larvae	Iris Borers	<b>Sweet Potato Weevils</b>
<b>Corn Earworms</b>	Japanese Beetle Larvae	<b>Thrips</b>
<b>Corn Rootworms</b>	Mole Crickets	<b>Tobacco Budworms</b>
<b>Crane Fly Larvae</b>	<b>Onion Maggots</b>	White Grubs
<b>Cucumber Beetle Larvae</b>	<b>Peach Tree Borers</b>	<b>Wireworms</b>
Cutworms	<b>Pine Weevils</b>	

## Ecomask (*Steinernema carpocapsae*)

<b>Annual Bluegrass Weevils</b>	<b>Cranberry Girdlers</b>	Pine Weevils
<b>Armyworms</b>	Crane Fly Larvae	Poplar Clearwing Borers
<b>Artichoke Plume Moth Larvae</b>	<b>Cutworms</b>	Raspberry Crown Borers
<b>Banana Moth Larvae</b>	Dogwood Borers	<b>Root Weevils</b>
<b>Banana Root Borers</b>	<b>Flea Larvae/Pupae</b>	<b>Rotten Sugarcane Borers</b>
Bill Bugs	<b>Giant Palmetto Weevils</b>	<b>Shore Flies</b>
Carpenterworms	<b>Iris Borers</b>	<b>Sod Webworms</b>
<b>Chinch Bugs</b>	<b>Mint Flea Beetles</b>	Strawberry Weevils
<b>Clearwing Borers</b>	<b>Mint Root Borers</b>	
<b>Codling Moth Larvae</b>	<b>Mole Crickets</b>	
Corn Earworms	<b>Navel Orange Worms</b>	
Corn Rootworms	Peach Tree Borers	

## Heteromask (*Heterohabditus bacteriophora*)

Banana Moth Larvae	<b>Citrus Root Weevils</b>	<b>Small Hive Beetles</b>
<b>Bill Bugs</b>	<b>Grape Root Borer</b>	Sod Webworms
Black Vine Weevils	<b>Japanese Beetle Larvae</b>	<b>White Grubs</b>

Product best suited for pests in bold

For complete list of pests visit:

[www.biologicco.com](http://www.biologicco.com)