

## Beneficial Nematode: General Application Instructions

1. Place unopened package in refrigerator until ready to apply.
2. Apply Beneficial Nematodes at dusk or early morning, as Beneficial Nematodes are sensitive to sunlight. Water area you will be covering first, followed by the Beneficial Nematode application.
3. Apply with a watering can, hose end sprayer or pump sprayer.
4. Before applying Beneficial Nematodes, test sprayer or watering device first to see how quickly it sprays/dispenses and how much area can be covered per watering.
5. Make sure to cover the entire affected area. 10 million Beneficial Nematodes will treat 3,600 square feet (334 M<sup>2</sup>) or approximately 100, 24-inch pots.
6. Add Beneficial Nematodes and water to application device and stir or shake Beneficial Nematodes mixture constantly to ensure even distribution, as Beneficial Nematodes will settle. Lightly water the application area after application of Beneficial Nematodes.
7. Store unopened portions in a sealed container in the refrigerator for up to 2 weeks.
8. Keep soil moist for 2 weeks after applying Beneficial Nematodes. Beneficial Nematodes only prey upon insects with a developing soil borne stage. They will **not** harm people, plants, or pets. Keep out of reach of children, avoid inhalation and eye contact. If product comes in contact with eyes, flush thoroughly with water. Do not reuse container. Not to be ingested by humans or animals.

### **When Should Nematodes Be Applied?**

- Apply early in the morning or predusk when temperatures are cooler and the sun is low in the sky. When soil temperatures are above 42°F.

For best results apply twice, separated by 7-10 days, to stagger the life cycles of the nematodes and ensure complete coverage. In cases of severe infestations, applications should be made every 7-10 days or until infestation subsides.

### **How Long Can Nematodes Be Kept Before Use?**

Beneficial Nematodes should be used as soon as possible after purchase. Beneficial Nematodes are living organisms, it is best to store them unopened, for no longer than 2 weeks in a refrigerator. **DO NOT FREEZE**. Best temperatures to apply: Air temperature from 40° F to 85° F. Soil temperatures (at 2" depth) should be above 42°F. and below 85°F.

### **How Often Should Nematodes Be Applied?**

Nematodes are recommended for use whenever larvae or grubs are present. Generally, this is during the spring, summer and fall months or as long as the soil temperature is above 42°F. Because larvae feed on plant roots, beneath the soil surface, severe damage can be done before realizing there is a problem. Look for signs of an adult insect, such as leaf-notching. If adult insects are present, their eggs will be hatching soon. Keep in mind, one application may not eradicate a population of insects that has become established over a period of years.

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## **Will Nematodes Live Through The Winter?**

In general, harsh winter weather in most parts of the country guarantees a significant decline in the population of the nematodes. In most cases, nematodes (just like insects) will become dormant during cold weather. Any survivors would be too few in number to provide adequate insect control. If your pest insect returns the following year, another application may be necessary.