

# nemastar<sup>®</sup> Biological Soil Insecticide

For control of larvae of the **cranberry girdler (sod webworm - *Chrysoteuchia topiaria*)**

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**ACTIVE INGREDIENT:** *Steinernema carpocapsae*

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The nematodes are formulated in a wettable powder, enclosed in a non-water-soluble pack.

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**STORE AT 4° - 10° C (38-50 °F)  
DO NOT FREEZE**

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## DIRECTIONS FOR USE



Damage caused by girdler larvae feeding at cranberry roots (E.S. Consult Ltd.) Nematodes to solve the problem (e-nema GmbH)

### APPLICATION - TIMING

Apply **nemastar<sup>®</sup>** from the end of **June to the end of August**. Approx. two weeks after the peak of catches with sticky traps. One application should be enough.

### APPLICATION RATE

**3 billion nematodes/acre**

### APPLICATION CONDITIONS

- Apply **nemastar<sup>®</sup>** when soil temperatures are between **13° and 29 °C (56 – 85 °F)**.
- Avoid direct sunlight: apply early morning or better late evening to minimize the effect of sunlight. Cloudy sky can work as well.
- The soil surface should be moist at the time of application: irrigate prior to nematode application to moisten soil surface.
- Immediately after spreading out the nematodes, irrigate with at least 8-10 litres water/m<sup>2</sup> to wash **nemastar<sup>®</sup>** off the leaves and below the soil surface.
- For optimum results, maintain the soil moist by irrigation for 2-3 weeks after application.

## **APPLICATION HANDLING**

- Use nemastop as soon as possible upon delivery.
- Use the entire pack at one time.
- The entire spray solution should be applied once **nemastar**<sup>®</sup> is mixed with water. Do not store for longer than 20 minutes without agitation.
- Remove all filters in the spraying/water equipment. Use nozzles with at least 0.8 mm diameter. Do not exceed a pump pressure of 300 psi.
- Avoid settling down of nematodes: take care that there will be agitation at any time, beginning already during filling process until all mixture has been applied.

## **STORAGE**

The product may be stored for a limited period of time at **4 to 12°C** (see expiring date on the package).

## **COMPATIBILITY**

**nemastar**<sup>®</sup> is compatible with most chemical fertilizers and pesticides. Only a few insecticides have a negative impact. In these cases apply the nematodes 3 days earlier or 2 weeks later. A compatibility list can be downloaded at <http://www.e-nema.de/service-en/compatibility-of-pesticides/>. For sure avoid applying pesticides containing methomyl or chlorpyrophos as active ingredients at the same time with **nemastar**<sup>®</sup>.

## **SAFETY**

The active ingredient and the formulation of **nemastar**<sup>®</sup> are safe to users, consumers and the environment. There are no restrictions or safety instructions for the use of **nemastar**<sup>®</sup>.

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### **e-nema GmbH**

Klausdorfer Str. 28-36

D-24223 Schwentinental

T +49 4307-82950

F +49 4307-829514

[info@e-nema.de](mailto:info@e-nema.de)

[www.e-nema.de](http://www.e-nema.de)

