

Nematode SC – turf - nursery

Beneficial nematodes *Steinernema carpocapsae*

BIOLOGICAL SOLUTION FOR THE CONTROL OF:

- √ **Leatherjackets (European Crane Fly)**
- √ **Sod Webworms**
- √ **Bluegrass Billbug**
- √ **Cutworms**

Packaging and coverage:

Packaging (Clay formulation)	Approximate suggested coverage for moderate infestations
250 millions nematodes	10 500 sq. ft./ 975 m ²
2 x 250 millions nematodes (500 millions)	21 000 sq. ft./ 1 950 m ²
4 x 250 millions nematodes (1 billion)	42 000 sq. ft./ 3 900 m ²

Target species: **Nematode SC** is a natural solution against moderate larvae infestations of European crane Fly (leatherjackets), bluegrass billbug, sod webworms, and cutworms.

Mode of action: Once introduced into the soil, the nematodes, *Steinernema carpocapsae*, hunt down and attack larvae by penetrating their bodies. Then symbiotic bacteria are released and contribute to the death of the insect.

Instructions:

- Apply when soil temperature is between 13°C and 32°C (55 to 90°F).
- Apply when it is cloudy either in the morning or in the evening. **(NEMATODES ARE VERY SUSCEPTIBLE TO UV-LIGHT).**
- Apply all dosage contained in unit. Do not divide.
- Apply on moist lawn and soil.
- **REMOVES ALL SIEVES AND FILTERS FROM THE SPRAYER AND CLEAN THE SPRAYER TANK (NEMATODES ARE VERY SENSITIVE TO SOME CHEMICALS).**
- Add the concentrate of nematodes in 10 litres (2 gallon CAN) (15 to 20°C/59 to 68°F). Mix well. Let the solution settle for 5 minutes and then mix a second time.
- Add 1/3 of the required amount of water to the sprayer tank. Transfer the solution into the sprayer tank and fill the water tank until desired volume. Use a minimum rate of 12 L (2.6 gallon CAN) of water per 93 m² (1000 pi²). **USE THE SOLUTION WITHIN 4 HOURS.**
- The pressure should not exceed 75 pounds per square inch (5 bars). The solution must be shaken uninterruptedly to prevent the nematodes from settling at the bottom. Avoid excessive agitation of tank.
- After application, water the treated surface with 93-186 L (20-40 gallon CAN) per 93 m² (1000 pi²) to help nematodes penetrate into the soil.
- Keep the soil of the treated area humid for a period of 7 days after application.

Storage: Store in a dark refrigerated area between 4°C and 12°C **(DO NOT FREEZE OR EXPOSED TO MORE THAN 35°C (86°F)). USE BEFORE EXPIRATION DATE.** Do not expose to direct sunlight

Application timing: Summer (refer to TURF CALENDAR).



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