

Nematode SF - Greenhouse

Beneficial nematodes *Steinernema feltiae*

BIOLOGICAL SOLUTION FOR THE CONTROL OF:

- √ **Fungus Gnats; Sciarids**
- √ **Western Flower Thrips**

Packaging (Clay formulation)	Approximate suggested coverage for moderate infestations	
	Fungus Gnats; Sciarids	Western Flower Thrips
50 millions nematodes	1 076 sq. ft./ 100 m2	4 000 sq. ft./ 372 m2
250 millions nematodes	2 152 sq. ft./ 200 m2	20 000 sq. ft./ 1 858 m2
2 x 250 millions nematodes (500 millions)	4 304 sq. ft./ 400 m2	40 000 sq. ft./ 3 716 m2

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

Instructions:

- Do not apply in direct sunlight (**NEMATODES ARE VERY SUSCEPTIBLE TO UV-LIGHT**).
- Apply when soil or media temperature is between 10°C and 30°C (50 to 86°F).
- Apply on moist soil or media.
- Apply all dosage contained in unit. Do not divide.
- 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 L (2 gallons 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 THE SOLUTION IMMEDIATELY AFTER MIXING.**
 - For soil applications: apply on moist soil or media; use a minimum rate of 45 L (10 gallons CAN) of water per 93 m² (1000 sq. ft.). Irrigate immediately after application to wash nematodes off plant and onto soil or media surface without causing runoff.
 - For foliage applications: apply on moist foliage; add a wetting agent/ surfactant and use a minimum rate of 8 L (1.8 gallon CAN) of water per 93 m² (1000 sq. ft.) Ensure good foliar coverage without causing runoff. Turn off artificial lighting during and for at least 2 hours after application Ensure that plants remain wet for at least 6 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.

Storage: Store in a dark refrigerated area between 4°C and 12°C (**DO NOT FREEZE OR EXPOSED TO MORE THAN 30°C (86°F)**). USE BEFORE EXPIRATION DATE. Do not expose to direct sunlight

Application timing: Best result when apply preventively (sciarids) or at first sign of detecting immature stages of the pest (thrips).



201 Mgr-Bourget, Lévis, Qc G6V 6Z3

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