



Steinerinema carpocapsae

Steinerinema carpocapsae is a microscopic, non-segmented worm (nematode) that parasitizes various larvae, for example several soil insects, Duponchelia moth, crane fly and boxwood moth. Steinerinema carpocapsae is also effective against the larvae of caterpillars, pine beetle, millipedes, overfly, opogona and mole crickets.

Life cycle & relative effectiveness

Nematodes like steinerinema enter the host through body openings or by penetration of the body wall. Once inside, they release a bacterium, which kills the host within 24 hrs. The nematode continues to reproduce itself, and its offspring searches for new host material. Parasitized insects will become yellow/ (pale) brown and turn slimy. This makes it hard to observe them. Steinerinema is most effective when the ground is moist, with a temperature between 13°C and 25°C.

Package & volume

Steinerinema carpocapsae is supplied in a box, containing 50, 250 or 500 million of 1 million larvae third stage.

Storage & handling

Maximum storage time of ten to twelve weeks, in darkness, at a temperature between 2°C - 6°C.

Application & dose

Dissolve one package in a bucket with 5 liter filled with water (15°C-20°C), then stir firmly and let the mixture soak for about 5 minutes. After 20-30 sec replace the mixture to a second bucket leaving the carrier material in the first bucket. The content is now ready for use and can be transferred into the spraying drum. You can spray by dorsal sprayer or sprinkler system. During low infections, a dosage of 500.000 nematodes is advised.

	Rate	Interval	Frequency	Remark
Preventive	-	-	-	-
Light curative	500.000 per m ²	-	1 x 50 mil.	Package: 1000m ²
Heavy curative	500.000 per m ²	7 dagen	2 tot 3 x 50 mil.	Package: 1000m ²