

nemapom - Biological Control of Codling Moth

One pack contains 500 million entomopathogenic nematodes of the species *Steinernema feltiae* for biological control of overwintering larvae of codling moth (*Cydia pomonella*) and red-belted clearwing (*Synanthrenon myopaeformis*).

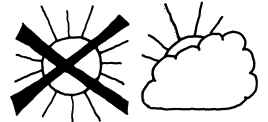


Application Conditions

Treat when harvest of the parcelled is terminated and weather conditions are favourable.

Most important is high humidity during and after application. Ideally spray on wet trunks. Spray toward evening so that trunks stay wet during the night. Rain, drizzle, fog or dew after application increase efficacy.

Temperatures must be 8°C or higher for several hours after treatment since the nematodes need a certain time to find the codling moth larvae. Drop of temperatures for a few hours does not impair the treatment, as long as the trees stay wet. Higher temperatures are always advantageous.



Dosage

Apply 750 million nematodes in at least 1,000 litres of water per meter trunk and hectare.

Add a wetting agent in standard concentration to increase the mobility of the nematodes. Use nozzles with at least 0.8 mm diameter e.g. Albus API or AVI 120-06. Pressure should not exceed 10 bar.

Application

Apply **nemapom** nematodes soon after reception. The product may be stored for a limited period of time (see expiry date on package) at 2-12°C. Do not freeze and do not expose to temperatures above 30° C. Do not open pack until ready to use.

Young plantations (M9)<5 years: It is sufficient to treat only the lower part (1 m) of the trees. Turn off top nozzles of fan sprayer. Spray the zone around and below the grafting thoroughly. If possible spray each row twice from opposite directions.

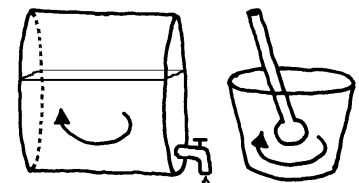
Older plantations: Treat full crown volume. Apply at least 1.5 billion nematodes in 1,500 litres of water. If there are bamboo bars, make sure they are well covered.

Fan orchard sprayer:

- Thoroughly clean sprayer esp. after insecticide use
- Remove **all** sieves and filters
- Add ¾ of the required amount of water to the tank
- Dilute packs in a bucket with 5 litres of water
- With the agitator running add content of bucket to the tank
- Add wetting agent
- Add the remainder of water and begin application



Mix the solution thoroughly and proceed mixing during spraying to avoid sedimentation of the nematodes.



Effect

Autumn treatment with **nemapom** nematodes reduces overwintering larvae and pest occurrence in the following spring. Larvae die within 48 h after application.