

nemapom®

Biological Control of Codling Moth, Plum Fruit & Oriental Fruit Moth and Plum Sawfly with *Steinernema feltiae*

AREA OF APPLICATION

nemapom® is used against cocooned last instars of codling moths (*Cydia pomonella*) in apples, pears and quince, plum fruit moths (*Grapholita funebrana*) in stone fruit, oriental fruit moths (*Grapholita molesta*) in apple, pears, quince and stone fruit. Application is in autumn after harvest or spring before pupation. Spring application of **nemapom®** is effective against emerging plum sawflies (*Hoplocampa flava* + *H. minuta*). The product is also used to reduce damage of stem-boring clearwing larvae (*Synanthedon myopaeformis*) in apple.

MODE OF ACTION

nemapom® contains the entomopathogenic nematode *Steinernema feltiae*. Infective juveniles of the nematode actively search for larvae in galleries, the soil or the bark. Two days after invasion, the insects die. The nematodes propagate inside the insect cadaver. After two weeks, thousands of new infective juveniles emerge and hunt for the surviving larvae.

APPLICATION

Tortricids overwinter as cocooned larvae in hiding places under the bark of the tree trunk and in the soil. Application is with surfactants after harvest on the tree trunk and the soil around the trees until temperatures drop below 10°C and in spring when temperatures surpass 10°C until before pupation. Dose rate is 1.5×10^9 per hectare with a minimum of 1,500 l water. Good coverage of the tree trunk and high moisture for at least 4 hours is essential for success.

Sawfly control is in spring only, two weeks before emergence of adult sawflies. Application rate is 2×10^9 per ha with a minimum of 2,000 l water per hectare onto the soil under the trees. Application only to moist soil. Irrigation before, during and after the application increases efficacy.

EFFICACY

nemapom® reduces overwintering larval populations or sawfly damage by up to 80%. Mating disruption or sterile insect technology is only effective at low population density. When infestation above 1% is recorded during harvest, **nemapom®** is used to reduce first generation population density. No resistance development and flexible timing of application.

**Further information needed?
Please contact us!
We will be happy to answer
your questions!**

e-nema GmbH

Klausdorfer Str. 28-36

24223 Schwentinal

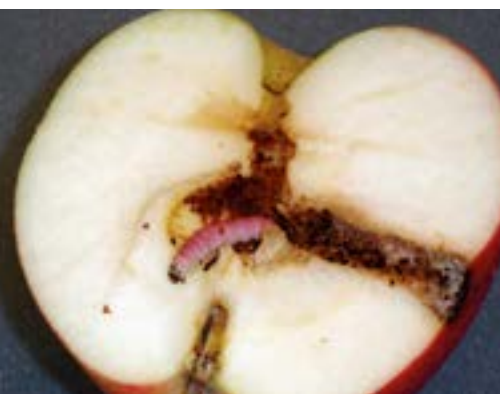
Germany

T+49 (0)4307-82 95 0

F+49 (0)4307-82 95 14

info@e-nema.de

www.e-nema.de



Codling moth larvae feeding in an apple.



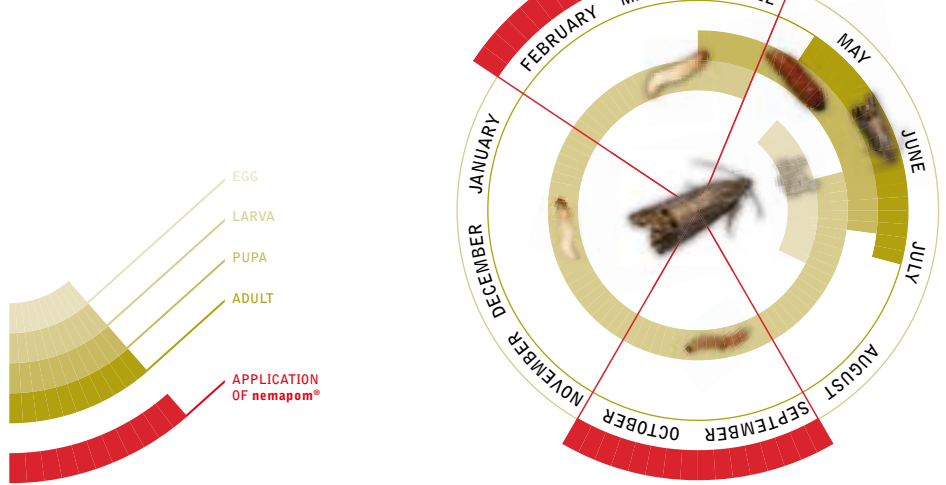
Cocooned larvae overwinter behind the bark.



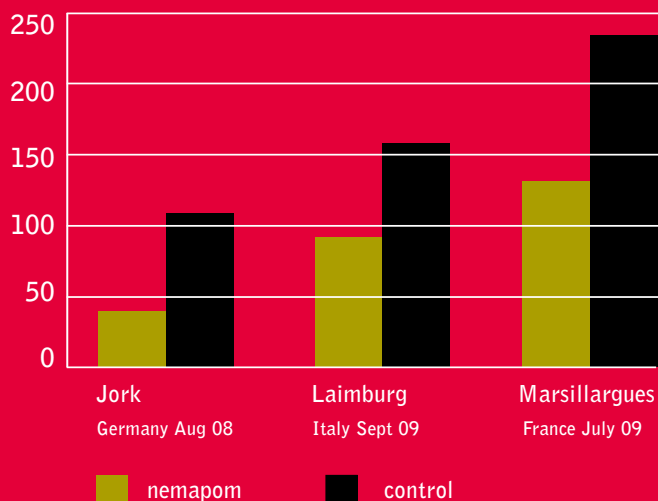
Nematodes of the species *Steinernema feltiae* kill up to 80% of the overwintering larvae.



Life Cycle of Codling Moth



First generation damage per 1000 fruits



CODLING MOTH CONTROL

nemapom®

Responsible. Innovative. Pioneering.

Sustainable codling moth control in apple, plum and peach trees

CAUTION
CONTAINS BENEFICIAL NEMATODES
STORE AT 2-8°C
DO NOT FREEZE

e-nema® Biological Plant Protection