

Description

Stethorus punctillum is a small black ladybug with small yellow antennae and measuring nearly 1.5 mm. The larva is dark in color. The eggs are oval and yellow in color. They are usually deposited near the colonies of pest mites.

Larvae and adults are predators and feed on all stages of several mite species such as two-spotted spider mite, spruce spider mite, southern red mite and European spider mite.

Life cycle

- Optimum condition are a temperature between 16 to 35°C and humidity between 30 and 90 %.
- The life cycle lasts 14-20 days at 21-26°C.
- Each larva may consume up to 240 spider mites during its development.
- The larva is transformed into a pupa under the leaves or structure.
- Adults will emerge after 6-7 days.
- Adult can consume 50 eggs and 10 adult spider mites per day.
- Below 12° C, the ladybug becomes inactive.



Introduction rates

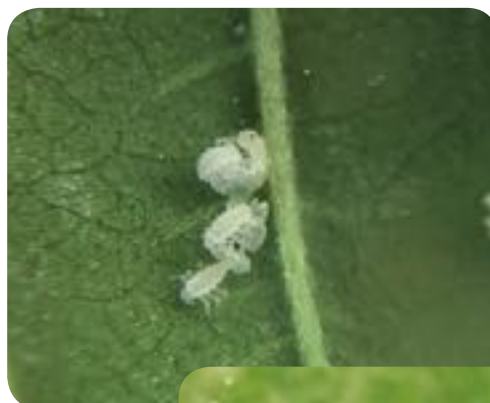
Introduction	Quantity	Surface	Frequency	Duration
light curative	0,5 - 1	per m ²	14 days	3 introductions in total
medium curative	5	per m ²	7 days	4 introduction in total
hot spot	100	per m ²	7 days	until established

Application

Stethorus punctillum has shown very good results in the cucumber, pepper, marijuana and ornamentals cultivations. In addition, this ladybug is particularly effective in baskets hanging at the end of the season.

Stethorus punctillum has a slow development and does not allow effective control in low light and low temperature greenhouses. Adults fly and can get out of the greenhouse. Install mosquito nets.

4 to 5 weeks after the first introduction, a new generation of adults should be present. After 2 months, all stages of *Stethorus punctillum* can be observed (egg, larva, pupa and adult).




Formats

Containers

- AB003 - *Stethorus punctillum* - 50 adults
- Ab004 - *Stethorus punctillum* - 100 adults


Instructions

1



Use upon receiving. Mortality of less than 10% is normal.


2



Open the container. Sprinkle *Stethorus* on the infested plants.

Be careful, adults are flying flying and can get out of the greenhouse. Install mosquito nets.

3



Repeat for 3 to 4 weeks. After this time, *Stethorus* should be present in the spider mite colonies.

DO NOT FREEZE OR REFRIGERATE - for more informations, visite the www.anatisbioprotection.com