

### Description

*Stratiolaelaps scimitus* is pear-shaped with long legs and is 1,0 mm long. Its color can vary from cream to brown. The immature stages are usually semi-transparent cream color. The eggs are oval and measure 0.5 mm.

This predator is a native species, which feeds on thrips (prepupa and pupa), fungus gnats, root scales, root aphids, mealybug crawlers, spidermites in crops. This product is perfect for an in-depth “cleaning” of the soil before starting the season.

### Life cycle

- The optimum conditions are a temperature between 15 and 25 °C.
- The life cycle last approximately 18 days at 20 °C (68 °F).
- Sex ratio is equivalent, 1 female for 1 male.
- The eggs hatch after 2 to 3 days.
- Each *Stratio* eats 1 to 5 preys per day.
- For lack of food, it becomes a detritus feeders and feeds on algae and plant debris. Predatory mite for fungus gnats and other soil pests.



### Introduction rate

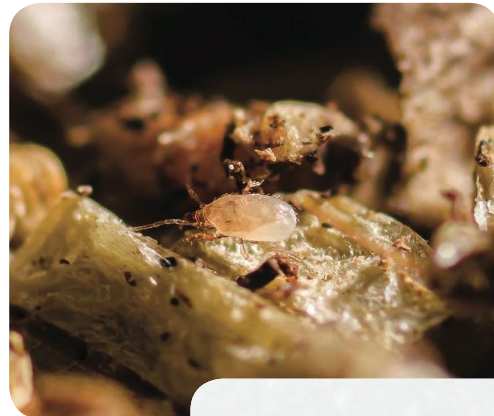
Introduction	Quantity	Surface	Frequency	Duration
Preventive	100	m <sup>2</sup>	14-28 days	2 introductions in total
Curative light	250	m <sup>2</sup>	as needed	as needed
Curative strong	500	m <sup>2</sup>	as needed	as needed

## Application

*Stratiolaelaps scimitus* is mainly used to control pests that are found in the soil or in growing medium. As a preventive measure, *Stratiolaelaps* reduces thrips (Thysanoptera) populations by consuming nymphs and pupae living on the ground. It can reduce the population of thrips by up to 30% during the season.

This predator does not control flies from the Ephydriidae or Psychodidae families. On the other hand, it can consume other organisms on the ground, such as certain species of collembola or mealybugs.


*Stratiolaelaps* has been successfully used for bedding and potted plants, for growing seedlings and cuttings. It adapts to a variety of growing medium and capillary mats used in plant production. It does not survive frost or flood.




## Formats

- AB008- *Stratiolaelaps scimitus* - 25 000 adults
- AB036 - *Stratiolaelaps scimitus*- 125 000 adults
- AB035 - *Stratiolaelaps scimitus* - 250 000 adults


## How to use



**1** Thoroughly moisten the soil before introducing mites. Do not flood.



**2** Turn the bottle gently to mix the mites. Open the bottle.



**3** Sprinkle the contents on the soil or substrate. Spread evenly in the treated area or in areas suitable for ground flies.

Use upon receipt • Do not freeze • Do not refrigerate