

Description

Orius insidiosus is a small predatory bug that measures 2-2.5 mm long. It is black in color with light spots on the back. The juvenile stages are dark orange to brown in color and measures 0,5 to 1.8 mm long.

The adult and the juvenile are very voracious generalist predators. They feed on all mobile stages of thrips and also attack spider mites, aphids, whiteflies and other soft bodied pests.



Life cycle

- The *Orius insidiosus* life cycle is 3 weeks at 21 °C.
- Optimal conditions are temperatures above 15 °C, with 60% relative humidity.
- The sex ratio is generally 45% female to 55% male.
- Females lay 2 eggs per day for a total of 30 eggs in their lifetime.
- The young emerge 4-5 days later.
- Juvenile go through 5 stages of development.
- Adults live 3-4 weeks.
- **Orius enters in diapause (as soon as there is less than 14 hours of light).**

Introduction rate

Introduction	Quantity	Surface	Frequency	Duration
Preventive	0,50	per m ²	14 days	2 introductions in total
Curative	1	per m ²	7 days	until control
Hot spot	5-10	per m ²	7 days	until control
Outdoors	5 000 to 10 000	per hectare	14 days	until control

Application

Orius insidiosus is mainly used in indoor and outdoor vegetable and ornamental crops.

Adults feed on pollen and can be applied preventively in flowering plants such as peppers and cucumbers. It is also possible to introduce reservoir plants, such as the ornamental pepper *Capsicum annuum*, to help them establish more quickly and increase their populations.

Orius is a very aggressive insect and kills more prey than it consumes. On average, an adult eats 12 thrips a day and kills more than 45.

For best results, combine the use of *Orius insidiosus* with a predatory mite (eg *Neoseiulus cucumeris* or *Amblyseius swirskii*). Use from March to October.


Formats

- GL0011 - *Orius insidiosus* - 500 adults
- GL0012 - *Orius insidiosus* - 1000 adults




How to use

1



Use insects upon receipt. Mortality of less than 10% is normal.




2

Open the container. Sprinkle Orius on infested plants.

Orius needs pollens and prey to establish itself.

3



Repeat treatment for 2 weeks or more depending on the degree of infestation.

Warning! Use Orius from March to October.

Use in combination with predatory mites.

Use upon receipt • Do not freeze • Do not refrigerate