

Biological control
Orius insidiosus

ORIcontrol *insidiosus* | TECHNICAL DATA SHEET



PRODUCT:

- Bottle 500 adults
- Bottle 1.000 adults
- Bottle 2.000 adults

PRODUCT DESCRIPTION

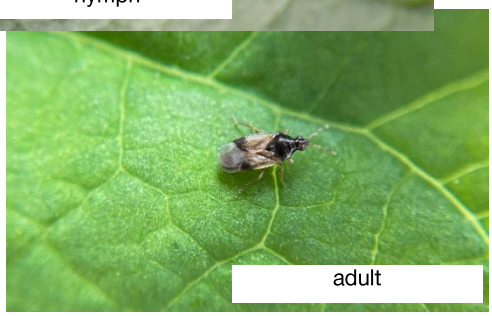
Orius insidiosus is a very voracious predatory bug of the Anthocoridae family, widely distributed in North and South America.

BIOLOGY. The larvae and nymphs of this predator are orange in color and can be confused with thrips larvae in their early stages. In the adult stage, they have dark coloration and a flattened shape, being able to fly. The red eyes are typical. Females measure about 3 mm and males are slightly smaller.

MODE OF ACTION

- This predatory bug feeds preferentially on **thrips** and pollen, both nymphs and adults, but can also prey on other pest species, such as whiteflies and mites.
- Thanks to its ability to fly in the adult stage, it has great ease in locating and capturing its prey.
- Once located, it extends its stylet and inserts it into its victim, sucking out its contents. An adult can consume numerous thrips daily under favorable conditions.


nymph


adult

ADVANTAGES

- It can control high populations of thrips, both larvae and adults.
- Compatible with the release of other predators and parasitoids.
- *O. insidiosus* can be used as a preventive as well as curative control method.

DOSAGE

- For preventive use, release between 1,5 and 3 individuals/m², in several applications.

It is advisable to start with the first release when the first thrips appear in the crop or at the beginning of flowering.

The recommended dose is indicative, it will may vary depending on crop, pest pressure and whether the release is preventive or curative. Consult your Agrobío technician for specific recommendations.

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RECOMMENDED CROPS

Orius insidiosus is especially effective in pepper crops, although it is also used in several vegetable and ornamental crops. Establishment is generally less successful in tomato due to plant morphology.

MANAGEMENT



Before opening the bottle, place it in a horizontal position and rotate it so that the content is homogeneous. Apply on the crop, distributing it homogeneously throughout the plantation, first thing in the morning or at dusk. The use of release boxes can also be used.

To favor its installation in preventive releases, it can be complemented with the use of flowering plants and pollen.

For more information contact an Agrobío technician.

TRANSPORT AND CONSERVATION

Keep the can in a horizontal position, at a temperature between 8ºC and 10ºC, and do not break the cold chain during the whole transport and storage process. Store a maximum of 48 hours after reception, do not expose to sunlight and keep away from pesticide residues.

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