

Biological control
Phytoseiulus persimilis

PHYTOcontrol | TECHNICAL SHEET

PRODUCT



- Bottle containing 2,000 mites.
- Bottle containing 10,000 mites.

DESCRIPTION

Phytoseiulus persimilis is a predatory mite that exclusively targets red spider mites. It is extremely small, about 0.5 mm, bright orange in color, with relatively long legs.

Ideal conditions for this mite are a temperature of 15-25°C and a relative humidity of 60-90%. At temperatures above 32°C and less than 60% humidity, the activity of *P. persimilis* decreases.

MODE OF ACTION

- Once the colony of spider mites is located, the female lays her eggs there. Each egg hatches into a larva that consumes between 5 adult mites and 20 eggs per day, depending on its developmental stage, until it reaches adulthood.
- *Phytoseiulus persimilis* feeds on all stages of spider mites, although it prefers young mites.



AVANTAGES

- Highly effective in controlling red spider mites.
- *Phytoseiulus persimilis* feeds exclusively on spider mites.
- Compatible and complementary with other predators and parasitoids.

RECOMMENDED DOSE

Release 2 to 15 individuals/m². If a red spider mite hotspot is found, release 20 to 50 individuals/m² directly onto the hotspot.

The recommended dose is indicative and varies depending on the crop and the level of pest infestation. Consult your technician for the appropriate dose.

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RECOMMENDED CROPS

Use in any vegetable, ornamental, or fruit crop where spider mites are present.

USE

Before opening the bottle, place it horizontally and distribute preferably on the lower leaves or in small containers, applying a larger quantity where red spider mite hotspots are located. It is recommended to use the predatory mite in areas with moderate temperature and humidity.

TRANSPORT AND STORAGE

Keep the bottle in a horizontal position at a temperature between 8ºC and 10ºC, and do not break the cold chain during transport and storage. Store for a maximum of 24 hours after receipt, do not expose to sunlight, and keep in a ventilated area away from pesticide residues.

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