

NEOSEIULUS FALLACIS

Predatory mite on vermiculite



DESCRIPTION

Neoseiulus fallacis is pear-shaped with long legs and is 0.5 mm long. Its color can vary from cream to orange-beige. The immature stages are usually semi-transparent cream color. The eggs are oval and measure 0.3 mm (the double of a two-spotted spider mite egg).

Neoseiulus fallacis is a native predatory mite in Quebec that is used for the control of spider mites, broad mites, cyclamen mites, tomato mites, hemp mites, in cannabis ornamental and vegetable crops.

LIFE CYCLE

- The life cycle lasts 7 to 9 days at 21°C, 3 days at 32°C
- The adult lives 14 to 62 days.
- Optimum conditions are between 9 and 32°C and a humidity level above 50%.
- A female lays 1 to 5 eggs per day, for a total of 26 to 60 eggs.
- A female consumes 2 to 16 mites per day.
- Outdoors, the adult female enters diapause when the days shorten (less than 14 hours of light).
- Does not enter diapause in greenhouses with temperatures above 18°C.

INTRODUCTION RATE

	INSIDE PREVENTION	INSIDE LIGHT CURATIVE	FIELD SPIDER MITES	FIELD CYCLAMEN MITES
QUANTITY	2	5	2	5
SURFACE	per m ²	per m ²	per m ²	per m ²
FREQUENCY	7 - 14 days	7 - 14 days	1 - 2 applications	1 - 2 applications
DURATION	as needed	as needed	annually	annually

APPLICATION

Very effective in greenhouses, this predator can also be used in other types of crops where pest mites cause havoc (strawberry, raspberry, orchard, soy, hops, etc.). Used preventively, it maintains its presence during the next production cycle. Introduce as a preventive measure or at the first signs of infestation (less than 10% of the leaflets affected or presence of spider mites detected).

In fields, make the first introduction after the last spring frost. Introduce at the end of the day when the weather conditions are favorable. Avoid heavy rainfall, extreme heat or high winds in the days following the introduction.

FORMATS

A0100 • *Neoseiulus fallacis* - 500 adults on vermiculite
A0103 • *Neoseiulus fallacis* - 1000 adults on vermiculite

MANUAL

- 1 Use insects upon receipt. Lay container on the side to mix mite with the vermiculite.
- 2 Sprinkle the equivalent of 1 tsp. of the contents on the infested plants.
- 3 The mites are mobile and can be seen with a magnifying glasse.
- 4 Repeat until control.



USE UPON RECEIPT • DO NOT FREEZE • DO NOT REFRIGERATE