



# Neoseiulus californicus

## Target pests

- Two-spotted spider mite (*Tetranychus urticae*)
- Red mite (*Panonychus ulmi*)
- Broad mite (*Polyphagotarsonemus latus*)
- Other spider mites

## Target crops

- Cannabis
- Fruits
- Ornamental plants
- Cucumbers
- Tomatoes

**Neoseiulus californicus** is a predatory mite used in various types of crops. This mite develops rapidly when feeding on two-spotted spider mites. It can also feed on pollen, thrips, and other small invertebrates.

**Neoseiulus californicus** has a pear-shaped body and measures 0.5 mm in length. The eggs are round and transparent, measuring 0.05 mm in diameter. Female californicus lay their eggs on leaf hairs (trichomes) and along the veins on the underside of leaves.

The immature stages are generally semi-transparent and cream-colored, similar to the adults. These predatory mites move across the foliage to attack spider mites and broad mites at all stages of their development: eggs, juveniles, and adults.

It also considered as a generalist and can also eat pollen, thrips and other small invertebrates

## Life cycle

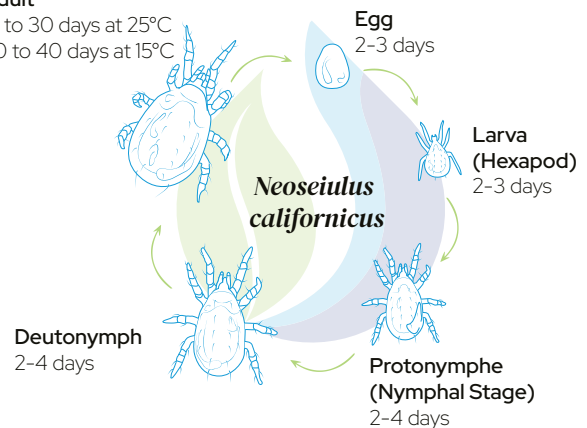
- **Life Cycle:** The total cycle lasts about **15 to 30 days at 25°C** and **20 to 40 days at 15°C**.
- **Diapause:** Below 10°C, *N. californicus* becomes inactive but does not enter diapause.

## Introduction rate

Introduction	Quantity	Frequency	Duration
<b>Preventive</b>	5 to 10 individuals/m <sup>2</sup>	2 weeks	Until control
<b>Curative</b>	20 to 50 individuals/m <sup>2</sup>	1 week	Until control
<b>Hotspot</b>	50-100 individuals/m <sup>2</sup> or more	1 week	Until control

## Adult

15 to 30 days at 25°C  
20 to 40 days at 15°C



## Application


In bulk, gently mix the contents to homogenize the mites.

Sprinkle the mites and their substrate directly onto the foliage and plants for immediate pest control.

For slow release (preventive), use sachets by hanging them in the center of the plants, protected from direct sunlight and overhead watering.

## Storage

 Apply **Neoseiulus californicus** immediately upon receipt.

 The optimal conditions are temperatures between 16 and 32°C and a relative humidity between 40 and 80%.