

# Spical



## Excellent result against various kinds of spider mite



*Neoseiulus californicus* (formerly *Amblyseius californicus*) is a predatory mite with an excellent result in combating various kinds of spider mite (including two-spotted spider mite, fruit spider mite, citrus red mite and date palm mite). In addition, the predatory mite has positive results in combating various tarsonemid mites.

### Unit of packaging

*Neoseiulus californicus* (predatory mite)

Pack size (large): 500 ml bottle

Contains: 25,000 predatory mites (all mobile stages) mixed with inert carrier material

Pack size (small): 250 ml bottle with dosage-plug

Contains: 5,000 predatory mites (all mobile stages) mixed with inert carrier material

### Precautions

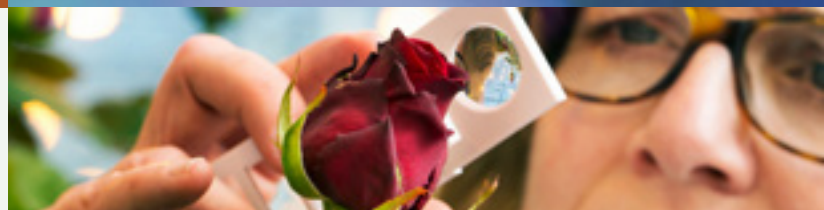
In case of mechanical application inhalation of the product may cause sensitization. A dust mask is recommended as protection for operators and people working near place of application

### Target

Two spotted spider mite (*Tetranychus urticae*), fruit spider mite (*Panonychus ulmi*), citrus red mite (*Panonychus citri*), begonia mite (*Tarsonemus pallidus*) and broad mite (*Polyphagotarsonemus latus*). All stages, preferring younger stages. Predatory mites also survive on other mites and pollen and can survive for a number of weeks without food.

### Introduction

- Turn and shake the bottle gently before use
- Sprinkle material on leaves
- In low crops it is possible to distribute Spical mechanically by means of the Airbug mite blower



### Environmental conditions

*Neoseiulus californicus* tolerates high temperatures and low humidities.

### Storage and handling

Biological beneficials have a very short life expectancy and therefore need to be introduced into the crop as soon as possible after receipt. Storing them for a period can have a negative impact on their quality and is only possible under the conditions described below. Koppert B.V. is not liable for any loss of quality if the product is stored for longer than recommended and/or under incorrect conditions.

- Storage after receipt: 1-2 days
- Storage temperature: 8-10°C/47-50°F
- In the dark (bottles horizontally)

### Remarks

*Neoseiulus californicus* tolerates a range of chemical pesticides. Always use Spical in conjunction with Spidex.

### Appearance

Mobile stages: transparent white-orange to yellow, droplet shaped, short legs, looks like *Neoseiulus cucumeris*.

Eggs: oblong, transparent to white, attached to hairs along veins on the underside of leaves.

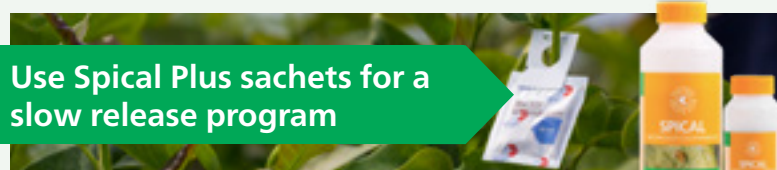
### Mode of action

Adult predatory mites, nymphs and larvae actively search for their prey and suck them empty.

### Important!

The introduction rates of this product should be adjusted to the mode of action of the product and the results that can be expected in the crop where the product is applied. Your local Koppert consultant or recognized distributor will be able to advise you further.

Spical	preventive	light curative	heavy curative
rate	25/m <sup>2</sup>	100/m <sup>2</sup>	200/m <sup>2</sup>
m <sup>2</sup> /unit	1,000	250	125
interval (days)	21	-	-
frequency	-	1x	1x
remark	-	use together with Spidex	use together with Spidex



**Important!** Only use products that are permitted in your country/state and crop. Check local registration requirements. Koppert Biological Systems cannot be held liable for unauthorized use.