Product data sheet

Spidex

Phytoseiulus persimilis | Predatory mite



- For the control of spider mite only
- Not effective under (extremely) dry and warm conditions
- Especially recommended to suppress high densities

Use for

Pests

Two spotted spider mite (*Tetranychus urticae*) and other *Tetranychus* spp., except *Tetranychus evansi*.

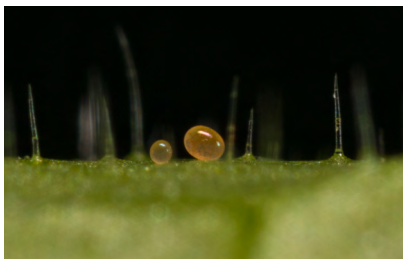
How it works

Mode of action

Predatory mites pierce their prey with their sucking mouthparts and suck out the contents.

Appearance

Mobile stages are orange-red, round, with long legs. Adults are approx. 0.6 mm in size. Eggs are pink, oval and slightly bigger than spider mite eggs.



Egg of *Tetranychus urticae* (left) and *Phytoseiulus persimilis* (right)



Phytoseiulus persimilis nymph



Phytoseiulus persimilis adult



Phytoseiulus persimilis preying on spider mite



Watch the biological control video of Spidex

Product specifications

Pack size
2,000; 10,000 predatory mites.

Presentation
100 ml bottle with dosage-plug; 500 ml bottle.

Developmental stage
All mobile stages.

Carrier
Wood chips.

Food
None.

Directions for use

Application
- Turn and shake the bottle gently before use
- Push the centre of the cap to open the dosage hole
- Sprinkle material on leaves or pour into Diboxes. Make sure the material remains on the introduction site for at least a few hours after introduction
- Can also be applied with (Mini)-Air(o)bug



Watch the Application video of Spidex

Dosage
The dosage of Spidex depends on climate, crop and spider mite density and should always be adjusted to the particular situation. Start introduction as soon as the first pest mites are detected in the crop. Introduction rates typically range from 2-50 per m^2/release. Releases should be repeated once or twice at weekly intervals. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions
*Phytoseiulus persimilis i*s most effective at temperatures between 13 and 27°C (55 and 81°F) and not effective above 30°C/86°F. *Phytoseiulus persimilis* is sensitive to relative humidity below 70%.

Combined use
Can be combined with *Neoseiulus californicus* and *Feltiella acarisuga.*

Side effects
Pesticides can have (in)direct effects on biological solutions. Find out which pesticides have side effects on this product.

Product handling

Storage time after receipt
Apply as soon as possible after receipt. If necessary, the product can be stored for 1-2 days.

Storage temperature
8-10°C/47-50°F.

Storage conditions
In the dark, bottle horizontally.

Notes

- *Phytoseiulus persimilis* only feeds on spider mites, preferably on *Tetranychus* spp.. It cannot survive on other food sources

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