

# Spidex Boost



## The best choice for spider mite control with a boost



After 50 years of being the most effective predatory mite against the two-spotted spider mite, Koppert revolutionizes Spidex to meet the demands of the new generation of growers.

### Target

Two-spotted spider mite (*Tetranychus urticae*).

### When to use Spidex Boost?

Spidex Boost works well on all the life cycle stages of the two-spotted spider mite but prefers younger stages most. Use Spidex Boost preventatively and at the first sign of pest presence.

### Unit of packaging

*Phytoseiulus persimilis* (predatory mite)  
Box with 250 sachets, each sachet contains 100 predatory mites

### How does Spidex Boost work?

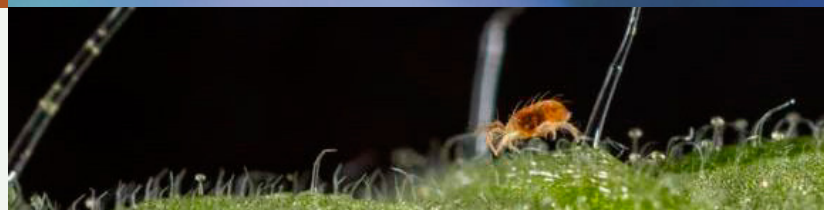
*Phytoseiulus persimilis* feeds on all stages of spider mites, but has a preference for eggs. The predatory mites pierce the eggs and consume the contents. Adult *Phytoseiulus persimilis* also attack adult spider mites but the smaller development stages only feed on smaller prey stages. The larvae do not eat. The predatory mite can only survive on two-spotted spider mites (*Tetranychus spp.*). Unlike other Koppert slow-release products (sachets), Spidex Boost does not contain a rearing system which produces several generations of predatory mites over time.

### Application

- Introduce sachets as soon as possible after receipt
- Hang up sachets in sheltered positions in the crop (no direct sunlight).

### Important!

- Ensure that you create a sufficient exit opening for the mites prior to placing sachets in the crop (a small hole or cut can be made in the upper portion of the sachet, close to the cardboard hook).



- Handle sachets by the cardboard strip at the top; predatory mites are easily damaged

### Best working conditions Spidex Boost

Relative humidity should be above 75% and the temperature above 20°C/68°F for at least some hours of the day. *Phytoseiulus persimilis* does not enter diapause.

### Handling

Biological beneficials have a very short life expectancy and therefore need to be introduced into the crop as soon as possible after receipt. Failure to do so can have a negative impact on their quality. In case you do need to store Spidex Boost, please follow the instructions below. Koppert Biological Systems is not liable for any loss of quality if the product is stored for longer and/or under different conditions than recommended.

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

### Appearance

- Adults: bright red, very active, spherical, stands high on its legs
- Eggs: oblong, first pink and transparent, later on darker, twice as big as spider mite eggs
- Larvae/nymphs: pale to light red

### Mode of action

Adult predatory mites and nymphs search actively for their prey and suck them dry.

### Dosage

The information given below is merely indicative. Tailored advice can be provided if information is available on the local factors that need to be taken into account, such as the crop, the climate conditions and the level of infestation. For the correct approach, please consult a Koppert specialist or a recognized distributor of Koppert products.

Spidex Boost	preventive	light curative	heavy curative
rate	-	-	-
m <sup>2</sup> /unit	-	1.5	0.5
interval (days)	-	7	7
frequency	-	3-4x	3-4x
remark	-	introduce in infested areas only	introduce in infested areas only

**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.