Product data sheet

Swirski Ulti-Mite

Amblyseius swirskii | Predatory mite



- For the control of thrips and whitefly
- Can survive on pollen or other prey
- For very low or high relative humidity

Use for

Pests

Young larvae of various thrips species and eggs and larvae of whitefly.

Crops

Do not use in tomato.

How it works

Mode of action

Predatory mites reproduce within the sachet and gradually disperse into the crop over a period of several weeks. Using their piercing mouthparts, they feed on prey by extracting its contents. The Ulti-Mite slow-release sachet, made from 100% industrially compostable film, provides consistent pest control, even under extremely dry or humid conditions.

Appearance

Mobile stages are beige, droplet-shaped mites. Eggs are oblong and transparent white. Adults are about 0.5 mm in size. Predatory mites are usually found on the lower surface of the leaves, often in the corner of the main vein and lateral veins. It is not possible to distinguish *Amblyseius swirskii* in the field from *Neoseiulus californicus, Amblyseius andersoni, Neoseiulus cucumeris, Transeius montdorensis* or *Amblydromalus limonicus.*



Amblyseius swirskii eggs



Amblyseius swirskii adult



Amblyseius swirskii preying on whitefly eggs



Watch the biological control video of Swirski Ulti-Mite

Product specifications

Pack size
100; 500 sachets. Each sachet contains 250 predatory mites and prey mites.

Presentation
Sachets in cardboard box.

Developmental stage
All stages.

Carrier
Bran.

Food
Carpoglyphus lactis.

Directions for use

Application
- Hang sachets in sheltered locations in the crop, not exposed to direct sunlight
- Sachets already have an exit hole
- Hold sachets by the cardboard strip at the top, to avoid damaging the predatory mites



Watch the Application video of Swirski Ulti-Mite

The dosage of Swirski Ulti-Mite depends on climate, crop and pest density and should always be adjusted to the particular situation. Start introduction preventively or as soon as the first pest mites are detected in the crop. Use at least 4,000 sachets per ha and hang them evenly spaced in the crop. Release should be repeated after 4 weeks if the pest is not controlled. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions

Amblyseius swirskii is most effective at temperatures between 20 and 32°C (68 and 90°F). It is not effective at temperatures below 18°C/64°F. *Amblyseius swirskii* is sensitive to relative humidity below 60%.

Combined use

Can be combined with Orius spp. and whitefly parasitoids. Do not combine with other generalist predatory mites (*Neoseiulus cucumeris, Amblydromalus limonicus, Transeius montdorensis, Amblyseius andersoni*).

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

10-15°C/50-59°F.

Storage conditions

In the dark, provide ventilation to prevent CO_2 accumulation.

Notes

- When the target prey is absent, *Amblyseius swirskii* can also survive on other prey like small insects, mites and pollen
- Nutari can be provided as supplementary food to improve establishment and increase the population size of *Amblyseius swirskii*

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