



Koppert

Swirski Ulti-Mite Macadamia



Predatory mite *Amblyseius swirskii*

Use Swirski Ulti-Mite for:

- ✔ Young larvae of various thrips species
- ✔ Budmite

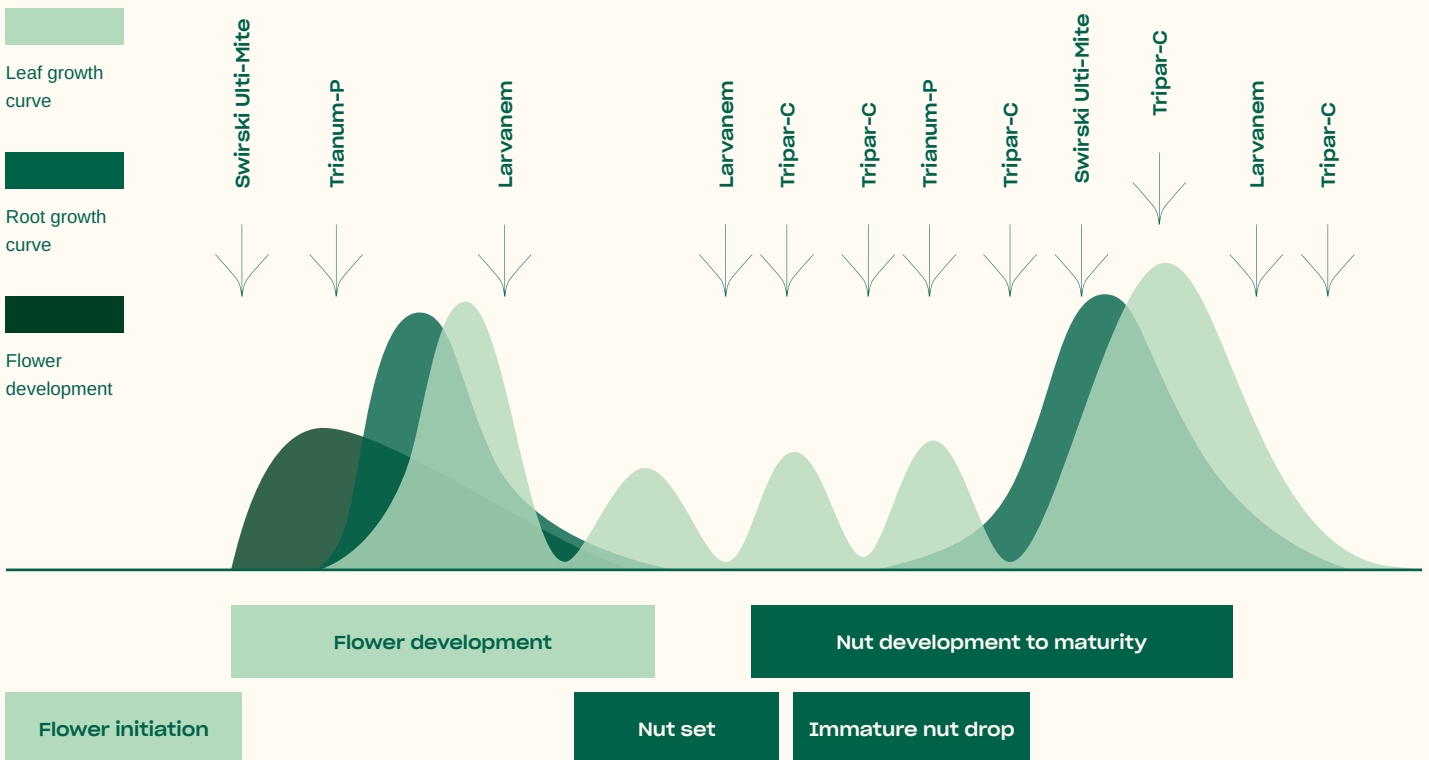
Packaging:

- ✔ Each sachet with hook contains 250 predatory mites and storage mites (all stages) mixed with carrier material/bran. Each sachet yielding > 1000 predatory mites.
- ✔ Swirski Ulti-Mite is available in 500 sachets per box.

Use Swirski Ulti-Mite for biological pest control of young larvae of various thrips species and bud mites. Use Swirski Ulti-Mite as a preventive method and when the first signs of a pest appear or during sensitive physiological phase of crop (flowering, flushing).

The sachet is made of a 100% industrial compostable foil. It satisfies the conditions of the 'Industrial compostable' standard (certified by external party). The sachets can therefore be disposed of together with the crop waste.

Macadamia Phenology Chart



How Swirski Ulti-Mite works?

Adult predatory mites search for their prey or wait for it to pass by and subsequently feed on their prey.

Application:

- ✔ Use sachets as soon as possible after receipt
- ✔ Hang sachets in sheltered locations on the crop (no direct sunlight)
- ✔ Sachets can be placed directly into the crop (sachets already have an exit hole)
- ✔ Handle sachets by the cardboard strip at the top; predatory mites are easily damaged

Best working conditions

The predatory mite is not susceptible to diapause and therefore can also be introduced during the winter time. It is tolerant to high temperatures; a swirskii population starts to develop when the temperatures during the day regularly exceed 20-22°C.

Handling

Biological beneficials have a very short life expectancy and therefore need to be introduced to 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 Swirski Ulti-Mite, please follow the instructions 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: 10-15°C
- ✔ In the dark
- ✔ Provide ventilation to prevent CO2 accumulation



Leaf size improvement since Koppert IPM program

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.

Swirski Ulti-Mite	Trees aged 1-5	Age 6+	Heavy pest pressure areas
Unit/tree	1	2	2+
Interval	Apply at flower development	First application end of winter repeat after last incompatible insecticide application	
Remarks		Ask your Koppert Technician regarding scheduling and integration into an IPM	

Typical damage caused by Thrips



Leaf



Flower



Nut

Results after using Koppert IPM program



Leaf



Flower



Nut