



Feltiella acarisuga

Target pests

Spider mites, including:

- Two-spotted spider mite (*Tetranychus urticae*)
- Strawberry spider mite (*Tetranychus turkestanii*)

Target crops

- Greenhouse vegetables
- Strawberries and other berry crops
- Ornamental and flowering crops
- Herbs
- Indoor crops

Feltiella acarisuga is a predatory gall midge used for curative biological control of spider mites, particularly in established colonies and active hot spots.

Adult midges actively search the crop for spider mite colonies and lay their eggs nearby. After hatching, the larvae immediately begin feeding on spider mite eggs, nymphs and adults. Their mobility allows adults to locate scattered infestations throughout the crop, making *F. acarisuga* particularly valuable for hotspot management and as a complement to predatory mites.

Larvae are the predatory stage and can consume up to 15 adult spider mites or 50 spider mite eggs per day under favourable conditions.

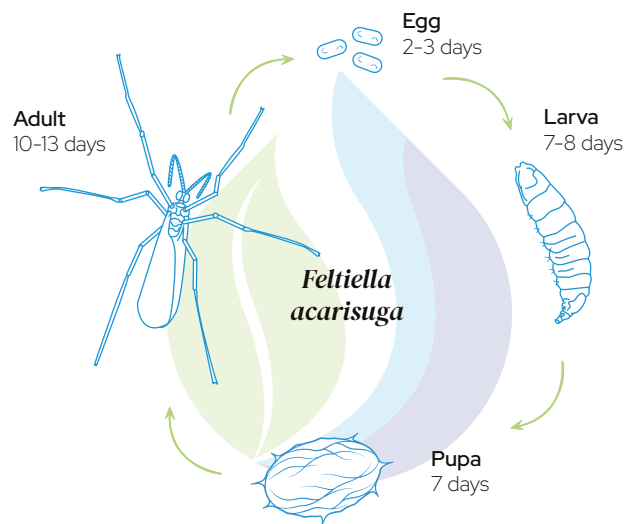
Life cycle

- **Optimal conditions:** 20–27°C, relative humidity of >80%.
- **Reproduction:** Females lay eggs in and around spider mite colonies. Egg-laying increases with prey availability and favourable humidity.
- **Diapause:** May enter prepupal diapause under very short days combined with cool temperatures. Activity decreases below 12°C and development ceases below 8°C.

Introduction rate*

Introduction	Quantity	Frequency	Duration
Curative / Hot spots	0.25–25/m ²	Weekly	Min. 3 introductions or until control

*Introduction rates are general guidelines and may vary by crop, target pest, pest pressure and growing conditions. Adjust based on scouting and technical advice.



Application

Make a hole in the lid and place the container upright on a rockwool slab or directly on the soil, preferably near active spider mite hot spots.

Protect the container from direct sunlight and water.

Leave the container in place for at least two weeks to allow adults to emerge and disperse throughout the crop.

Continue regular scouting and repeat introductions according to spider mite pressure.

Storage

 Use upon receipt. If necessary, store for a maximum of 1–2 days at 12–14°C in the dark.

 Do not freeze.