

PERSI-TEC

Phytoseiulus persimilis

Phytoseiulus persimilis is a predatory mite used to control Two-spotted mite.

P. persimilis controls two-spotted mites by feeding on mite eggs, nymphs and adults

Description

PERSI-TEC contains *Phytoseiulus persimilis*, a predatory mite used in the management of the two-spotted spider mites (*Tetranychus urticae*). **PERSI-TEC** is a highly specialised predator which feeds on eggs, nymphs and adult two-spotted mites.

The predators are found within mite populations where they feed, reproduce, and complete their development. Both adults and immature predators move rapidly to seek and feed on two-spotted mites. Unlike its prey, **PERSI-TEC** does not spin a web.

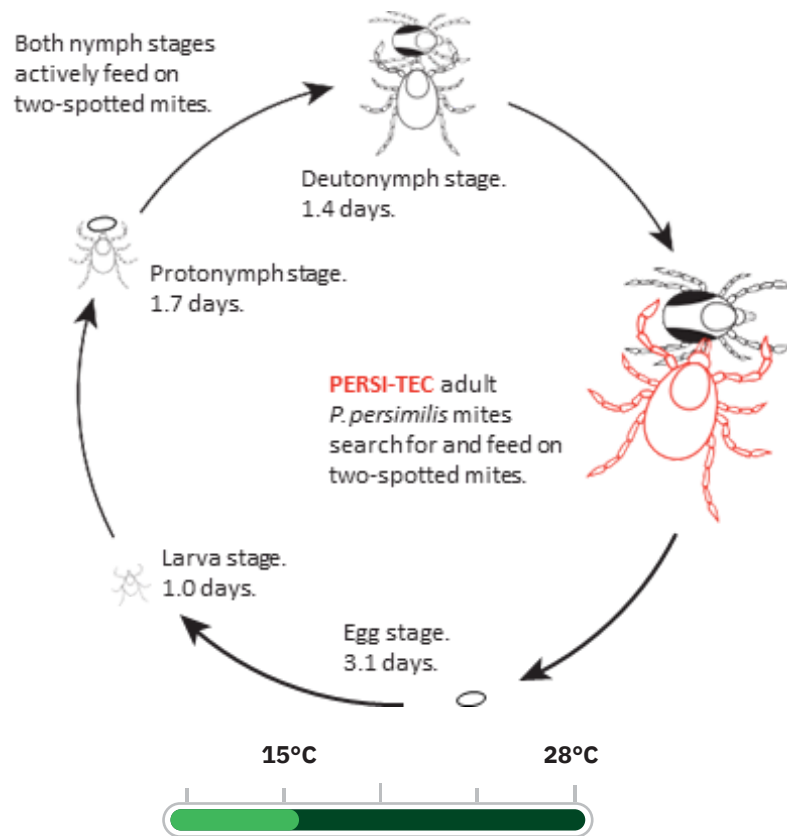
Life cycle and action

PERSI-TEC nymphs (protonymph and deutonymph) and adults actively search for and feed on two-spotted spider mite adults, nymphs and eggs. Adult two-spotted mites change colour from brick red to black after being eaten and can be identified as small black shells on the leaf.

Target pests and crops

Phytoseiulus persimilis mainly targets:

- Two-spotted mites



most effectively when temperatures are between 15°C and 28°C.

Introduction method

- Hold the bottle horizontally and gently rotate it to ensure even distribution of **PERSI-TEC** in the carrier material.
- Sprinkle over the crop gently, aiming for areas of high pest presence.
- Use entire pack contents.

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Rate schedule

	Dosage per Ha	Interval (days)	Frequency	PHI & REI
Preventative	50,000	14	As required	0
Light Curative	75,000	14	As required	
Heavy Curative	100,000	14	As required	

Advantages of PERSI-TEC

- No resistance development.
- No phytotoxicity.
- Zero REI and zero PHI.
- Non GMO.
- Predates on all stages of red spider mites.
- Can easily penetrate mite webs.
- Active all year round – does not diapause during cold periods.
- Safe to the applicator and environment.

Best practice advice

- **PERSI-TEC** should be applied under relatively mild temperatures to help them move freely and find safe hiding places within the crop.
- **PERSI-TEC** should be applied as soon as two-spotted mites are noticed on the crop.
- **PERSI-TEC** establishes most effectively when relative humidity is above 75% and temperatures are between 15°C and 28°C.
- Avoid overhead irrigation for at least 24 hours after application.
- Avoid using this product with incompatible pesticides.

Storage

Storage temp.	8-12 °C
Conditions	Dark and dry
Max storage time	1-2 days

Do not freeze. Store horizontally in original unopened container.



Packaging

Predatory mites as packed	
Quantity	Pack Size
10,000	600ml

IPM Advice

Before introducing **PERSI-TEC** to your crop it is important that the plant is clean of negative chemical residues. Please consult you Insectec Field Advisor for any enquiry.

Disclaimer

The success of natural enemies is affected by many factors including initial pest population, climate and chemical residues.