

MONT-TEC

Transeius montdorensis

Transeius montdorensis is a predatory mite used to control thrips. Adult and nymphal stages of the predatory mites actively search for and feed on their prey.

Description

MONT-TEC contains *Transeius montdorensis* predatory mites which feed on Thrips in their immature stages, and are also known to feed on Red Spider Mites. *T. montdorensis* are generally small, pale and pear shaped with a body size of between 0.3 – 0.5mm long.

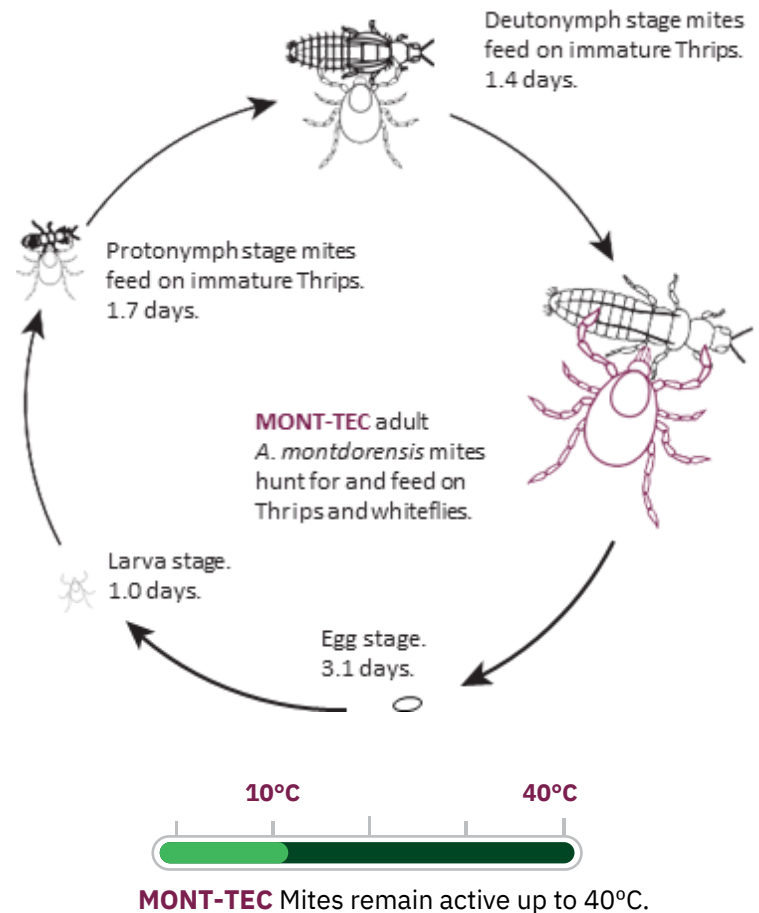
Life cycle and action

MONT-TEC predatory mites actively hunt for and feed on their prey, including Thrips, whitefly, spider mites and hatching eggs, by crawling on affected plant leaves. The total life cycle from egg to adult is 7 days.

Adult females lay single eggs onto leaf hairs strategically among Thrips populations, eggs develop in 1–2 days. The larvae emerge and develop into protonymphs then deutonymphs which are also predatory, feeding on immature Thrips.

Target pests and crops

Transeius montdorensis feed on Thrips in their immature stages, and are also known to feed on Red Spider Mites and whiteflies



Introduction method

Gently sprinkle **MONT-TEC** onto the crop. Hold the container in a horizontal position and rotate it carefully to evenly mix the predators with the carrier material. Sprinkle the entire contents of the container on to the crop foliage.

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Rate schedule

	Dosage per Ha	Interval (days)	Frequency	PHI & REI
Preventative	100,000	14	As required	0
Light Curative	200,000	14	As required	
Heavy Curative	300,000	14	As required	

Advantages of MONT-TEC

- Remains active under a wide range of temperatures, up to 40°C.
- No resistance development.
- No REI and PHI period required.
- Can be used on both in-door and out-door crops.
- All natural product; non GMO.
- Not affected by day length.

Best practice advice

- Use **MONT-TEC** to manage pest populations preventatively by targeting pests early in the season.
- Use immediately upon receipt.
- Micro-humidity should be above 60% and temperature during the day should be around 21°C.
- This predatory mites cannot be used to manage Thrips where temperature is below 10°C, it can however maintain activity at temperatures of up to 40°C.
- Avoid overhead irrigation for at least 24 hours after application.
- Avoid using incompatible pesticides with this product.

Storage

Storage temp.	15-18 °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
25,000	1000ml
150,000 Bulk Pack	5000ml

IPM Advice

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

Disclaimer

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