Product data sheet

Macro-Mite

Macrocheles robustulus | Predatory mite



- Soil-dwelling generalist predatory mite
- Especially for the control of sciarid fly larvae and thrips pupae

Use for

Pests

Eggs, larvae and pupae of sciarid flies; thrips pupae, *Lyprauta* larvae.

How it works

Mode of action

The predatory mites feed on larvae of sciarid flies, thrips pupae and other soil-dwelling insects. The mites appear in and on the soil and at the base of plant stems. The reduction of the infestation level occurs at a slow but steady rate.

Appearance

Mobile stages are beige, droplet-shaped mites. Eggs are oblong and transparent white. Adults are about 1 mm in size, with a clearly visible brown dorsal shield, brown legs and brown mouthparts.



Macrocheles robustulus adults



Watch the biological control video of Macro-Mite

Product specifications

Pack size
50,000 predatory mites.

Presentation
3.6 litre cardboard cylinder.

Developmental stage
All stages.

Carrier
Vermiculite and *Sphagnum* spp. moss

Food
Carpoglyphus lactis.

Directions for use

Application
- Turn and shake the cardboard cylinder gently before use
- Spread material evenly on soil or planting medium (not on the plastic)



Watch the Application video of Macro-Mite

Dosage
The dosage of Macro-Mite depends on climate, crop, planting medium and pest density and should always be adjusted to the particular situation. Start introduction preventively or as soon as the first pests are detected in the crop. Introduction rates typically range from 100-500 per m^2/release. Consult a Koppert advisor or a recognized distributor of Koppert products for advice on the best strategy for your situation.

Environmental conditions
For optimal results the soil has to be moist, rich in organic matter and have a loose structure. The minimum temperature for successful use of Macro-Mite is 15°C (59°F).

Combined use
For thrips control Macro-Mite should be combined with generalist predatory mites (*Amblydromalus limonicus, Amblyseius andersoni, Amblyseius swirskii, Neoseiulus cucumeris*) and/or *Orius* spp..

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, bottle horizontally.

Precautions

Application of this product can cause sensitization or allergic reactions, we therefore advise to take the necessary precautions.

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