

Product support information from McHort

Hypoaspis sp.—Mite predator

Use:

For suppression of harmful insects in the root zone of container grown ornamentals during propagation & beyond.

Eg. Sciarid fly maggots, thrips pupae and root mealy bugs.

Also used in the UK against Black vine weevil.

Description:

Hypoaspis is a brown coloured predatory mite growing 1mm in length. In the larvae or first nymphal stage it is white. The mite has long legs and a strongly pilosed (hairy) back. Mite eggs hatch after 6 days at 20C. Development from egg to adults takes 17-18 days at this temperature. The mites remain active at temperatures as low as 10C. They are native to NZ and survive at even lower temperatures

Diet:

Hypoaspis sp. has a varied diet consisting not only harmful soil insects but also mould mites. Mould mites are regarded as being non harmful in commercial potting mixes and exist in large numbers. This plentiful food supply will sustain Hypoaspis sp. mites for months. Hypoaspis sp. mites are reported to live for up to 70 days even in the absence of food if they have previously been fed.

Habitat:

The mites colonise soil and potting mix and can be observed at the base of plant stems. They prefer moist warm conditions. As they seldom climb the plants aerial pesticide applications to your crop are unlikely to substantially adversely effect predator mite populations.

Compatibility:

Many foliar applied insecticides can be used without harming the Hypoaspis sp. predator mites. For a list of the best choice contact us for more detailed information.

Application:

Apply at the rate of 1g/ litre of container volume to the surface. Use as a preventative in the propagation stage, on seed & cuttings trays and on GOL's. 1 Pack will treat about 90 propagation trays. Reapplication should only be necessary when plants are potted off or up into new mix. Reduce adult Sciarid fly populations with insecticide spray before introducing Hypoaspis sp. Natural Pyrethrum is the preferred choice. Observe a withholding period of up to 3 days after the last insecticide application. Contact us for suitable insecticides with the shortest withholding period

Pack size: 1 litre

For supply call McHort 021 782250 or e-mail [info@mchor .co.nz](mailto:info@mchor.co.nz)

NATURAL SOLUTIONS TO THE CHALLENGES OF INTENSIVE CULTURE