

DIRECTIONS FOR USE

SPIDEND

Unit of packaging

Feltiella acarisuga (gall-midge)

Pack size: beaker of 550 ml

Contains: pupae on leaf, from which 250 gall-midges will emerge

Target

Various species of spider mites. SPIDEND is recommended especially when spider mite occurs in colonies.

Rates

SPIDEND	rate	ft ² /unit	interval (days)	frequency	remark
preventive	-	-	-	-	-
curative light	10/10ft ²	250	7	min. 3x	introduce in infested areas only
curative heavy	¼/10ft ²	10000	7	min. 3x	introduce in entire greenhouse

Introduction

- make a hole in the paper in the lid on the beaker and put it on the rockwool slab or the soil
- protect against direct sunlight
- let the beaker or box stand for at least two weeks

Environmental conditions

High humidity boosts the emergence of gall-midges.

Storage and handling

- storage after receipt: 1-2 days
- storage temperature: 8-10°C/47-50°F
- in the dark

Remarks

Feltiella acarisuga should always be used in combination with the predatory mite *Phytoseiulus persimilis* (SPIDEX).

Appearance

Adults: midge of 2 mm long, pink-brown, long legs

Eggs: oblong, 0.1 x 0.25 mm in size, shiny, translucent

Larvae: 0.2-2 mm in size, orange-brown, occur in spider mite colonies

Pupae: are inside a white cocoon, occur mainly at the undersides of leaves, along the veins

Mode of action

Adult gall-midges search for spider mite colonies actively and deposit eggs next to the spider mites. The larvae that hatch feed on spider mite eggs and suck them empty. It takes one week for the eggs to develop to mature larvae. The pupal stage takes approximately one week.

Visual effect

Spider mites that are killed by the gall-midge shrivel up and become brown or black. Dozens of larvae can be found per spider mite infested leaf. White cocoons are clearly visible along the veins of the leaf.

Important!

The introduction rates of this product should be adjusted to the mode of action of the product and the results that can be expected in the crop where the product is applied. Your local Koppert consultant or recognized distributor (see www.koppert.com) will be able to advise you further.

Only use products that are permitted in your country or state.

last update: 2004-03-03 09:02:04