

# nemaflor<sup>®</sup>/nemaflor<sup>®</sup> G

## Biological control of Western Flower Thrips

**nemaflor<sup>®</sup>** contains infective juveniles of the insect pathogenic nematode *Steinernema feltiae* for biological control of *Frankliniella occidentalis* in greenhouses and foliar tunnels.

### Application conditions

For optimum results treat plants as soon as they are placed in the greenhouse.

**nemaflor<sup>®</sup>** does not control immigrant thrips. Most of these do not harm the crop. Air temperature should be 10 to 28°C. At higher temperatures, nematode efficacy decreases. Nematodes are very sensible to sunlight and desiccation and should only be applied in the early morning or evening.

### Application directions and rates

**nemaflor<sup>®</sup>** should be applied weekly as a routine application, since nematodes attack only the stages present at the time of application. The recommended application rate is 125.000 nematodes per m<sup>2</sup> per week or one pack of 50 million on 400 m<sup>2</sup> soil surface. Thrips numbers should be monitored weekly with blue sticky traps!

#### *Foliar Application*

Method recommended e.g. for Chrysanthemums. Apply 10 litres of water per 100 m<sup>2</sup>.

Avoid run off. Apply in the evening to make use of the higher humidity. Growing points of plants should stay moist for at least 3 hours after application, to enable the nematodes to find their hosts. Don't apply with a wetting agent.

**nemaflor<sup>®</sup> G** should be used if spraying residues on fruits and flowers have to be avoided.

#### *Application via drip irrigation or Dosatron*

Method recommended for strawberries. Agitate suspension in the feeding tank continuously during injection to prevent nematodes from settling. Alternatively add thickener such as carboxy methyl cellulose at 0.3 %. At low infestation apply every two weeks with 250.000 nematodes per m<sup>2</sup>.

### Storage and handling

**nemaflor<sup>®</sup>** should be used as soon as possible upon delivery. Store at 4 to 10°C (see expiry date on package). It should never be frozen or exposed to more than 30°C. Remove all sieves in the tubing and at the nozzles. Use nozzles with at least 0.5 mm diameter. Do not exceed pump pressure of 5 bar. Mix the solution thoroughly and maintain agitation during spraying to avoid sedimentation of the nematodes!

### Safety

The active ingredient and the formulation of **nemaflor<sup>®</sup>** are safe to users, consumers and the environment. There are no restrictions or safety instructions for the usage of **nemaflor<sup>®</sup>**.