

INSTRUCTIONS FOR USE

nemaplus® - Biological control of glasshouse sciarids and thrips pupae

General Information

nemaplus® contains infective juveniles of the insect pathogenic nematode *Steinernema feltiae* for biological control of glasshouse sciarid larvae.

nemaplus® should be used as soon as possible upon delivery, however it may be stored for several weeks at 4 to 12°C (see best before label). Do not freeze or expose to temperatures greater than 30°C. The nematodes are infective at temperatures from 10 to 25°C. At higher temperatures, efficacy decreases. The soil/media should be moist but not wet. Nematodes are unable to swim and cannot move effectively in water-saturated media.

Rates

- Apply 50 million nematodes per 100m² in 20-50 litres of water
- Or 10,000 nematodes per litre of growing media

If possible skip irrigation once before the treatment to prevent the media from become too wet.

Application

Treat the growing media as soon as possible after sowing seed or inserting cuttings. A single application of **nemaplus®** protects crops for approximately 6 weeks. For heavy infestations, repeat application 2 weeks later.

Watering-can:

Dissolve the contents in 5 litres of water, then make up to the final amount. A 10 litre watering-can is sufficient to treat 50 m².

Drip irrigation or Dosatron:

Irrigate prior to nematode application to moisten the soil surface. Agitate the suspension in the feeding tank continuously during injection to prevent nematodes from settling or add a thickener such as carboxy methyl cellulose at 0.3 %. After injection, rinse feeder tank with clean water and inject into the system.

Sprayer:

Clean sprayer thoroughly before use, especially if you have used insecticides or nematicides. Remove all sieves throughout. Use nozzles with at least 0.5 mm diameter, preferably 1 mm in diameter. Pressure should not exceed 5 bar.

**Mix the solution thoroughly for 3 min
and continue mixing during application
to avoid sedimentation**



Post Application

Infected insects turn a whitish-yellow colour. The first larvae begin dying 3 days after application. Ideally keep the media moist where possible.

Safety

The active ingredient and the formulation of **nemaplus®** are safe to humans and the environment. There are no restrictions or safety concerns for the use of **nemaplus®**.

Contact

Bioforce Limited
P.O Box 73, Drury
2247

Ph: 09 294 8973 office@bioforce.net.nz
Fax: 09 294 8978 www.bioforce.co.nz



Produced by e-nema®
Gesellschaft für Biotechnologie und biologischen Pflanzenschutz mbH
Klausdorfer Str. 28-36 T +49 4307-82950 info@e-nema.de
D-24223 Schwentinental F +49 4307-829514 www.e-nema.de

