

NEMAFENCE FELTI

USER MANUAL

Mode of action

- *Steinemema feltiae*
- Nematode pathogenic to insects
- Nematodes enter insect host through natural openings
- Nematodes release symbiotic bacteria that kill the host
- Nematodes multiply inside the insect cadaver
- A new generation of nematodes is released in search of new insect hosts

Targets

- Sciarid fly (larvae)
- Shore fly larvae
- Western Flower Thrips (larvae/pupae)
- Leatherjackets (young larvae)

Crops

- Vegetables
- Ornamentals
- Herbs
- Soft fruit
- Tree nurseries
- Turfgrass

Storage

- Use immediately upon receipt.
- If needed, store it in a refrigerator at 2-5°C. DO NOT FREEZE!
- Ensure good air circulation around each pack during storage.
- Do not store open packs or diluted product.
- Use before the Use by Date.

Dose rate

	Sciarid/Shore fly	Leatherjackets
Method	Soil drench	Turf drench
Dosage rate (ind./m²)	500,000	500,000
Dosage rate (ind./L substrate)	5,000	-
Application volume (L/m²)	1	0.1*
Application volume (ml/L substrate)	100	-
Application interval	2-4 weeks	Once
Application timing	-	2 weeks after a peak of crane flies**

*Water the treated turf area immediately after application with no less than 3 L/m²

**Adults are on the wing in August/September but can also occur in April/ May.

	Western Flower Thrips
Method	High volume foliar spray***
Dosage rate (ind./m²)	250,000
Application volume (L/m²)	0.1
Application interval	weekly

***Allow run-off to target pupae in the soil/substrate. Pupae are far more susceptible to nematodes than larvae.

Application

Preparation

- Partly fill the application tank with clean water at room temperature.
- Open the package carefully and empty its contents in a bucket.
- Add a small volume of water and mix thoroughly until all lumps are fully dispersed. Rinse packing and top up with water.
- Pour into the application tank and fill up to the required water level to have a ready to use nematode suspension.
- Start the agitation and apply evenly to the crop at the appropriate dose.

Application method & conditions

- Remove all fine filters (50 mesh or finer) from the application equipment. The minimum nozzle aperture is 0.5mm.
- To avoid damage to the nematodes, do not exceed 20 bar pump pressure. Piston pumps are not recommended.
- Ensure the nematode suspension is constantly agitated during application.
- Do not apply nematodes to waterlogged or heavy clay soils.
- Avoid application in direct sunlight. It is recommended to apply in the evening or during dull weather conditions.
- During application and for at least 2 weeks after, the soil temperature must be between 10°C and 30°C.

Drench application: The soil/substrate should be moist before application (if necessary, first moisten). Irrigate immediately after application with plain water to disperse nematodes into soil substrate. Keep the soil/substrate moist for at least 2 weeks after the application.

Foliar application: Ensure good foliar coverage using a medium spray nozzle. It is important that the canopy remains wet for at least 2 hours after application. Do not irrigate overhead after the nematode application.

