

KRAUSSEI-SYSTEM

USER MANUAL

Mode of action

- *Steinernema kraussei*
- Parasitic nematode
- Contains an insect-killing symbiotic bacterium
- The symbionts kill the host within 24 to 48 hours
- The nematodes multiply in the cadaver and new infectious juveniles will leave the cadaver in search of other larvae

Targets

- Black vine weevil larvae

Crops

- Strawberry
- Tree and shrub nursery

Storage

- Use immediately upon receipt
- If needed, store in a dark place, until expiry date, at 2-6°C (35-43°F). DO NOT FREEZE!
- Ensure good air circulation around each tray
- Do not store open packages, diluted product or mixed suspensions

DISPOSAL

Product and packaging waste resulting from the use of this product, or unused, outdated product, may be disposed of on site or at any approved waste disposal facility in accordance with federal and local regulations.

COMPATIBILITY WITH CHEMICAL AGENTS

These nematodes experience little or no hindrance by most chemical agents (except nematicides). To make sure, check out our side effects manual on www.biobestgroup.com or contact your Biobest-advisor.

Dose rate

	Open soil	Pots/Containers
Mode	Curative	Curative
Dosage rate	1 Mil./m ²	5.000/L substrate
Solution	4 L/m ²	2 L/100 L substrate
Application interval	6 weeks	
Application timing	March-May and August/October	
	Strawberry	
Mode	Curative	
Dosage rate	250.000/m ²	
Solution	100 ml/plant	
Application timing	March-May	

Application

Preparation

Always use the entire content of the package.

- Partly fill the application tank with clean water at room temperature.
- Open the package carefully and empty it into a bucket with water. Mix to dissolve. Rinse the package and add to the tank.
- Fill the application tank to the required water level, to have a ready to use suspension.

Application moment

Introduce Kraussei nematodes at the first signs of pests. For compost it is advised to be treated as soon as possible after sowing seed or inserting cuttings.

Application method & conditions

- To avoid obstructions of nematodes during application, remove all filters that are 50 mesh or finer. The minimum nozzle aperture is 0.5mm.
- To avoid damages to the nematodes, do not exceed 20 bar pump pressure. Piston pumps are not recommended.
- Agitate the nematodes constantly during application.
- The soil should be moist (if necessary, first moisten). Irrigate immediately after application (2 L/m²) to move the nematodes below the thatch layer. Soil should be kept moist for at least 2 weeks after application.
- Avoid application in direct sun light. It is recommended to apply in the evening or during dark weather conditions, with the ventilations closed (less risk of drying out; less U.V. light).
- During application and at least 2 weeks after, soil temperature must be between 14°C (57 °F) and 30°C (86 °F). Temperatures out of this range can reduce the effectiveness.
- Never apply by means of flood system!