



## Advanced Biocontrol for Professional Horticulture

### For control of sciarids/fungus gnats (*Bradysia* spp.), western flower thrips (*Frankliniella occidentalis*), leafminer and *Tuta absoluta* in greenhouse horticulture production

Contains the beneficial nematode *Steinernema feltiae* (90%) and an inert carrier with water (10%)

Product suitable in organic farming according to RCE n° 834/2007

## Recommended Rates

Pest	Application method	Application volume	Application	Dose	Pack size 50 million	Pack size 250 million
Sciarids/ Fungus Gnat	Soil drench	1 litre/m <sup>2</sup>	Propagation	500,000/m <sup>2</sup>	100m <sup>2</sup>	500m <sup>2</sup>
		2 litres/m <sup>2</sup>	Preventative	500,000/m <sup>2</sup>	100m <sup>2</sup>	500m <sup>2</sup>
WFT pupae			Curative	1,000,000/m <sup>2</sup>	50m <sup>2</sup>	250m <sup>2</sup>
		Preventative	125,000/m <sup>2</sup>	400m <sup>2</sup>	2,000m <sup>2</sup>	
WFT larvae	Foliar contact	0.1 litre/m <sup>2</sup> (+/- to ensure leaf coverage without runoff)	Curative	250,000/m <sup>2</sup>	200m <sup>2</sup>	1,000m <sup>2</sup>
			Preventative	125,000/m <sup>2</sup>	400m <sup>2</sup>	2,000m <sup>2</sup>
Leafminer			Curative	250,000/m <sup>2</sup>	200m <sup>2</sup>	1,000m <sup>2</sup>
<i>Tuta absoluta</i>	Foliar contact	400-4,000 litres/ha	Curative	1,000,000/litre	50 L	250 L

## Directions for use

- Remove all fine filters (50 mesh or smaller) from the application equipment.
- Partly fill the tank with cool, clean water. Start the agitator and keep running until application is completed.
- Empty one tray into a bucket and add a minimum of 10 litres water.
- Stir the contents thoroughly making sure the entire product is mixed.
- Add nematode suspension into the spray tank through its sieve.
- Fill spray tank to the required water level.
- Apply dose immediately to the whole crop at the appropriate rate.

## Application conditions

### Soil drench

- If using spray equipment, apply as a course or extra course spray ensuring nematodes reach the soil surface.
- Treat entire house or plant inventory as soon as pests are seen.
- Soil / compost should be moist and between 10°C and 30°C.
- If product is applied over foliage, irrigate immediately to wash nematodes onto compost.
- Propagation crops require frequent applications to maintain effective nematode numbers in the soil. Repeat applications every 2-6 weeks according to soil volume and pest pressure.

### Foliar contact

Nematodes require water and contact to find the pest therefore:

- Apply as a medium spray ensuring good foliar coverage but do not apply to run-off as nematodes will be lost.
- After application, ensure that the crop remains wet for at least 2 hours. Close windows / ventilation during this period.
- Do not apply in direct sunlight – use blackouts during and for at least 2 hours after application.
- If using artificial lighting, switch off during and for at least 2 hours after application.
- Repeat foliar applications as necessary for your pest control programme.
- For control of *Tuta absoluta* apply nematodes in a water volume per hectare suitable to achieve good foliar coverage of the bottom two thirds of the canopy or where active mines are present.

## Precautions

- Agitate nematodes constantly during application.
- Do not use product if past expiry date or incorrectly stored.
- For information relating to which chemicals are compatible with Seeka® ask your distributor.
- Once opened, use each entire tray immediately (do not sub-divide or store opened packs or mixed suspension).
- Do not exceed 300 psi/20 bar/2000 kPa pump pressure.
- Nozzle aperture should be greater than 0.5 mm
- Suitable nozzles should produce a medium or coarser spray at the intended application pressure.

## Safety Precautions

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

## Storage and disposal

**Storage:** Upon receipt, use immediately or store in a refrigerator at or under 5°C. DO NOT FREEZE. Avoid the constant opening of the fridge to minimize temperature fluctuations and do not overfill to allow the movement of cold air. Use entire contents of pack at one time. Do not split or subdivide individual packs as each contains a measured dose of nematodes. Do not store diluted product. KEEP OUT OF REACH OF CHILDREN. THESE PRODUCTS CONTAIN LIVING ORGANISMS THAT REQUIRE SPECIAL HANDLING AND APPLICATION PROCEDURES. FOLLOW THESE INSTRUCTIONS CAREFULLY TO OBTAIN MAXIMUM ACTIVITY.

**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 local regulations.

## Warranty disclaimer

ICL warrants that this product conforms to the description on the label and is reasonably fit for the purpose stated on the label when used in accordance with the directions. ICL DISCLAIMS ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

## Remedies

The remedy for injury or damage for this product is limited to, in ICL sole discretion, replacement of the product or refund of the purchase price paid. Under no circumstance shall ICL be liable for incidental, consequential or special damages.

## Limitation of liability

No one is authorized to change or supplement, whether verbally or in writing, the statements contained on the label. ICL and the seller are not liable for personal injury or property damage or loss, including crop damage or lack of performance, due to circumstances beyond their control. ICL does not accept liability for a product user's failure to comply with the directions for use. Buyer and user assume all risks for these events.

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