A granular formulation containing a minimum of 450 g/kg of garlic extract (CLAIL 0021) for the reduction of nematode damage in carrot and parsnip crops.

**SAFETY PRECAUTIONS**

**Operator protection**
Engineering control of operator exposure must be used where reasonably practicable in addition to the following equipment. **WEAR SUITABLE PROTECTIVE CLOTHING (COVERALLS), SUITABLE GLOVES AND FACE PROTECTION (FACE SHIELD) when handling the product.** However engineered controls may replace personal protective equipment if a COSHH assessment shows they provide an equal or higher standard of protection.

**When using, do not eat, drink or smoke. Wash hands and exposed skin before meals and after work.**

**Environmental Protection**
Do not contaminate water with the product or its container. Do not apply clean equipment near water/avoid contamination via drains from roads. Do not apply product through broadcast equipment.

**Storage and Disposal**
**Keep away from food, drink and animal feeding stuffs. Keep out of reach of children. Keep in original container, tightly closed, in a safe place away from damp. Empty container completely and dispose of safely. Use within 12 months from date of manufacture, see date on label.**

**CONDITIONS OF SUPPLY:**
The Seller warrants that the goods shall at the time of delivery to the Buyer conform to the Seller’s standard specification but all other conditions and warranties, whether express or implied by statute or common law and otherwise whether to condition, quality, performance, merchantability, fitness for any particular purpose or otherwise, are expressly excluded and subject as aforesaid, the Seller shall be under no liability whatever in contract or in tort, for or in respect of any loss or damage whatsoever resulting from or arising out of the goods or supply or use thereof, whether caused by the negligence of the Seller or otherwise. The Seller shall be under no liability in respect of the warranty given above unless the Buyer allows the Seller reasonable opportunity of inspecting the goods where practicable. A consumer’s statutory rights are not affected.

**IMPORTANT INFORMATION FOR USE ONLY AS AN AGRICULTURAL NEMATICIDE**

**WARNING**
May cause skin irritation. Keep out of reach of children. If on skin wash with plenty of soap and water. If irritation occurs, get medical advice. Do not contaminate water when preparing the product or its container.

Take off contaminated clothing and wash it before re-use. Dispose of contents/container to a licensed hazardous waste disposal contractor or collection site except for tanks used empty container, which can be disposed of as non-hazardous waste.

To avoid risks to human health and the environment, comply with the instructions for use.

**MAXIMUM NUMBER OF TREATMENTS**

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum individual dose (kg product / ha)</th>
<th>Maximum total dose (kg product / ha)</th>
<th>Latest time of application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrot and Parsnip</td>
<td>20</td>
<td>20 kg/ha</td>
<td>At drilling, Seeding</td>
</tr>
</tbody>
</table>

**Maximum number of treatments**

<table>
<thead>
<tr>
<th>(per crop)</th>
<th>Latest time of application</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>At drilling</td>
</tr>
</tbody>
</table>

**OTHER SPECIFIC RESTRICTIONS**

| Nil | 20 | 1 | At drilling or planting of sets |

**RISKS TO HUMAN HEALTH AND ENVIRONMENT**

- **KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.**
- **Keep out of reach of children.**
- **Empty CONTAINER COMPLETELY and dispose of safely. Use within 12 months from date of manufacture, see date on label.**
- **COSHH Control of Substances Hazardous to Health Regulations may apply to the use of this product at work - UK only.**

**APPLICATION RATE AND FREQUENCY**

**APPLY AT A RATE OF 20 KG/HA AT DRILLING.**

Do not allow the granules to become wet or damp before or during application. Do not allow the granules to stand overnight in the application hopper. Ensure that the hopper and rotors are clean and dry before use.

**USE HORTONINE OR TECHNICAL ROTORS CALIBRATED FOR NEMguard DE.**

Application equipment should be calibrated prior to use to ensure accurate dosing and incorporation.

**Efficacy of the product may be reduced in prolonged dry conditions and it is not recommended for use in soils with a high silt content. If conditions are dry at application, 20 mm of irrigation should be applied as soon as possible after application. If dry conditions persist, additional regular irrigation should be applied.**

**Best conditions for use**

- Soil should be considered damp enough to support crop establishment at the time of a NEMguard DE application.
- Irrigation of water down the soil horizon is required to disperse the active in NEMguard DE granules and lose of continuous hydraulic contact down the ridge after application of NEMguard DE may adversely affect efficacy.

**Company Advisory Information**

**Nematode damage to carrot and parsnip roots.**

**Nematode damage to carrot and parsnip is evident as irregularities in the consistency of the plant stand, reductions in crop vigour and a range of clearly visible malformations to the shape of the maturing root. A crop may be affected by all these symptoms. In situations where nematode populations are substantially exceeding damage risk thresholds, NEMguard DE granules are unlikely to produce adequate levels of damage reduction.**

**Extension of Use**

These extensions of the authorised use provide for the use of NEMguard DE (M16749) in respect of crops and situations other than those included on the product label (above). No efficacy or phytotoxicity data have been assessed and as such the ‘extensions of use’, are all at times done at the user’s choosing, and the commercial risk is entirely theirs.

**Outdoor use crops of fodder beet and red beet**

This Extension of Authorisation relates to the use of ‘NEMguard DE’ (M16749) as a nemacide for the control of Free living nematodes. This authorisation includes use on outdoor crops where they are grown under temporary covers such as fleece or polythene.

**Max individual dose (kg product / ha) | Max total dose (kg product / ha) | Max number of treatments (per crop) | Latest time of application**

| 10 | - | 1 | At drilling |

**Outdoor crops of bulb onion, shallot, garlic and leek**

This Extension of Authorisation relates to the use of ‘NEMguard DE’ (M16749) as a nemacide for the control of stem and bulb nematodes (Ditylenchus dipsaci) & root knot nematodes (Meloidogyne spp) on bulb onion, shallot, garlic and leek. This authorisation includes use on outdoor crops where they are grown under temporary covers such as fleece or polythene.

**Max individual dose (kg product / ha) | Max total dose (kg product / ha) | Max number of treatments (per crop) | Latest time of application**

| 20 | - | 1 | At drilling or planting of sets |

**Material Safety Data Sheet**

To access the Material Safety Data Sheet for this product, scan the QR code or use the web-link below:
http://www.certis-europe.co.uk/fileadmin/downloads__uk/products/insecticides/NEMguard_DE_MSDS.pdf

Alternatively, contact your supplier.