



CROP GUARD[®] LABEL

SEE ENCLOSED LEAFLET FOR FULL DETAILS
SIEN INGESLOTE PAMFLET VIR VOLLE BESONDERHEDE



NATURAL PRODUCT OF SUGARCANE



REGISTRATION NO. L 6864 Act No. 36 of 1947

REGISTRASIE NR. L 6864 Wet Nr. 36 of 1947

**A CONTACT EMULSIFIABLE CONCENTRATE NEMATOCIDE FOR
THE CONTROL OF NEMATODES ON CROPS AS INDICATED**

**'N KONTAK EMULGEERBARE KONSENTRAAT NEMATODEDODER (AALWURMDODER)
VIR DIE BEHEER VAN AALWURMS OP GEWASSE SOOS AANGEDUI**

Active Ingredient: *Furfural (aldehyde) 900g/l*
Aktiewe Bestanddeel: *Furfural (aldehyd) 900g/l*

20l

UN No. 1199 (FURALDEHYDES)

**EMERGENCY TEL:
(039) 975-1106**



REGISTERED AND FORMULATED BY:
GEREGISTREER EN GEFORMULEER DEUR:

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**GIFTIG
TOXIC**



WARNINGS

- **Withholding period:**
 - Allow 43 days between application and harvest of citrus
 - Allow 42 days between application and harvest of lettuce
 - Allow 41 days between application and harvest of onions
 - Allow 14 days between last application and harvest of potatoes.
- Do not graze treated groundnut fields within 28 days of application.
- Handle with extreme care.
- Poisonous when swallowed or inhaled.
- Irritating to eyes and respiratory system.
- Harmful to skin.
- Store under lock and key in a cool dry place away from food and feedstuffs.
- Toxic to fish and other animals.
- Flammable – do not store near open flame.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning take patient to a doctor and make this label available to him/her.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be effected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest to the remedy concerned as well as by the method, time and accuracy of application.

Irrespective of treatment rate, the persistency and nematicidal activity of this remedy is strongly influenced by factors beyond the manufacturer's control, such as monocropping, rotation with nematode susceptible crops, soil type and the amount of irrigation or rainfall and some nematode damage must be expected. When high infestations are present producers should not expect an absolutely clean crop and severe losses can occur. If abnormal cultural practices are followed, e.g. continuous planting of susceptible crops on the same land, or where high nematode levels are present, the use of CROP GUARD® is not recommended.

The Registration holder furthermore does not accept responsibility for damage to crops, vegetation, and the environment or harm to man or animals or for the lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Do not inhale spray mist and prevent contact with skin and eyes.
- Wash contaminated clothing daily.
- Wash with soap and cold water after application or accidental skin contact.
- Do not eat, drink or smoke during application or before washing hands and face.

- Avoid drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Triple rinse empty containers with a volume of water equal to at least one tenth that of the container size and add the rinsing to the contents of the spray tank before disposing of the container in the prescribed manner.
- Destroy empty containers by perforation and flattening, and never use for any other purpose.
- Prevent contamination of foodstuffs; drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

- Ingestion: sore throat, abdominal pain, vomiting
- Skin: redness, pain, burn
- Eyes: redness, pain, blurred vision
- Inhalation: sore throat, coughing, shortness of breath, laboured breathing

FIRST AID TREATMENT

- Remove patient from source of poisoning to a well - ventilated area and keep him/her quiet and reassured. Remove contaminated clothing and rinse contaminated body area thoroughly with copious quantities of water and soap. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice.

NOTE TO PHYSICIAN

- Treat symptomatically and supportive.

DIRECTIONS FOR USE

- Use only as directed.

PRODUCT PROPERTIES AND USE-RESTRICTIONS

- **Crop Guard**[®] is a contact nematicide and is not systemic and will therefore not penetrate the plant. Nematodes that have entered the roots of the plant will not be controlled by **Crop Guard**[®] applications. Only nematodes in the soil around the roots will be controlled.
- Do not use **Crop Guard**[®] on soils with a high clay content.
- Field must be irrigated to field capacity before application of the product. It is important to incorporate **Crop Guard**[®] through ploughing, discing, rotavating and/or irrigation into the root zone that needs to be protected
- On soilborne tuber and root crops it is advised that the soil is initially fumigated with a registered soil sterilant before **Crop Guard**[®] application.
- All old plant material must be removed from the field prior to product application.
- If any old tuber/root material is present, the soil must be treated with a soil fumigant.
- Does not control *Meloidogyne chitwoodi* or cyst nematode.

COMPATIBILITY

- **Crop Guard**[®] is compatible with acetochlor (EC) and imazethapyr containing non-incorporated pre - emergent herbicides used on groundnuts.

Crop Guard® is not compatible with the following materials:

- Fibreglass
- PVC
- Rubber
- Soft elastomers (elastic synthetic rubber components)

MIXING INSTRUCTIONS AND APPLICATION

- Half fill the spray tank with clean water and commence agitation.
- Slowly add the recommended amount of **Crop Guard®** to the spray tank containing the water whilst continuing agitation and then fill the spray tank with the required volume of water.
- Application should be carried out during a windless time of the day, immediately after mixing but certainly within one hour of mixing.
- Do not allow spray mixture in tank to stand without agitation.
- After application thoroughly rinse the spray tank with water.

Carrots

CROP/PEST	DOSAGE RATE	REMARKS
<p>Carrots</p> <p>Plant parasitic nematodes</p>	<p>At plant:</p> <p>Overall application: 25 l/ha Crop Guard[®] in at least 350 l/ha water</p> <p>Follow-up application: 25 l/ha Crop Guard[®] in at least 350 l/ha water 2-3 weeks after the first application</p>	<p>Overall Application</p> <ul style="list-style-type: none"> • Apply to a well-prepared field irrigated to 70% field capacity. • Follow the application immediately with a minimum of 10 mm of water. <p style="text-align: center;">or</p> <ul style="list-style-type: none"> • Incorporate mechanically to a depth of 10 cm immediately after application and then irrigate with a minimum of 5 mm of water. • Sow into the treated seedbed within 24 hours of application. <p>Centre pivot application</p> <ul style="list-style-type: none"> • Plant into a well-prepared seedbed. • Apply through the pivot irrigation system with the first irrigation after plant in a minimum of 10 mm of water. • Ensure even coverage through the pivot irrigation system. <p>Notes:</p> <ul style="list-style-type: none"> • On fields with a history of excessively high nematode populations the soil should initially be fumigated with a registered soil sterilant and then followed with supplementary applications of Crop Guard[®]. • For season length protection follow-up applications of 25 l/ha at 2-3 week intervals are recommended. Should there be high nematode pressure, the field has a history of high nematode infestation or the field contains some plant material (roots) from the previous season the 2 week interval should be used. • Refer to 'Compatibility' and 'Product Properties and use restrictions'.