



AN ILLOVO SUGAR AFRICA COMPANY

CROP GUARD 80 LABEL

29 April 24

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CROP GUARD 80

REG. NO. L 9253 (ACT NO. 36 of 1947)

REG. NR. L 9253 (WET NO. 36 van 1947)

READ ENCLOSED LEAFLET FOR FULL DETAILS BEFORE USE • LEES INGESLOTE PAMFLET
VIR VOLLE BESONDERHEDE VOOR GEBRUIK
KEEP OUT OF REACH OF CHILDREN AND ANIMALS • HOU BUITE BEREIK VAN KINDERS EN
DIERE



NATURAL PRODUCT OF SUGARCANE

AN ILLOVO SUGAR AFRICA COMPANY

A CONTACT EMULSIFIABLE CONCENTRATE NEMATICIDE FOR
THE CONTROL OF NEMATODES ON CROPS AS INDICATED • 'N KONTAK EMULGEERBARE
KONSENTRAAT NEMATODEDODER (AALWURMDODER) VIR
DIE BEHEER VAN NEMATODES OP GEWASSE SOOS AANGEDUI



DANGER

GHS HAZARD STATEMENTS

- Toxic if inhaled or swallowed.
- Causes serious eye irritation and may cause respiratory irritation.
- Suspected of causing cancer.

GHS PRECAUTIONARY STATEMENTS

- Do not breathe fumes, mist, vapours, or spray.
- Wash hands and face thoroughly after handling.
- Do not touch eyes. Do not eat, drink, or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves, protective clothing, and eye protection.
- Store locked up, well-ventilated and container tightly closed.
- Rinse mouth and get medical help immediately if swallowed, if you feel unwell or if skin or eye irritation occurs and persists.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Dispose of waste to a hazardous waste facility following applicable legislation.

Active Ingredient: *Furfural (aldehyde) 800 g/l*
Aktiewe Bestanddeel: *Furfural (aldehyd) 800 g/l*

Net Volume: 1ℓ, 5ℓ, 10ℓ, 20ℓ, 200ℓ, 1000ℓ

REGISTERED AND FORMULATED

GEREGISTREER EN GEFORMULEER DEUR:

Illovo Sugar (South Africa) (Pty) Ltd

Co. Reg. No. 1915/000879/07

Mpy. Reg. No. 1915/000879/07

1 Nokwe Avenue, Ridgeside

Umhlanga Rocks, 4319.

SOUTH AFRICA

Tel: +27 84 554 9664

Emergency-Spills and Transport Disasters:

Local - 0800 17 2743 and International - +27 82
775 3305

Human and Animal Poisoning:

+27 824 910 160 and +27 861 555 777

Batch No.:

Date of Manufacture:

UN No./VN Nr 2909 PESTICIDE, LIQUID, TOXIC, N.O.S. (Furfural)

Lot Nr.:

Vervaardigingsdatum:

WARNINGS

GHS HAZARD STATEMENTS

- Toxic if inhaled.
- Toxic if swallowed.
- Causes serious eye irritation and may cause respiratory irritation.
- Suspected of causing cancer.

- Withholding periods:
 - 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 40 days between application and harvest of apples
 - Allow 40 days between application and harvest of hops
 - Allow 14 days between last application and harvest of potatoes.
- Do not graze treated groundnut fields within 28 days of application.
- Handle with care.

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 nematocidal 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 80** 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

GHS PRECAUTIONARY STATEMENTS

- Keep container tightly closed.
- Do not breathe fumes, mist, vapours, or spray.
- Wash hands and face thoroughly after handling. Do not touch eyes.
- Do not eat, drink or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear protective gloves, protective clothing, and eye protection.

- Store locked up, well-ventilated and with container tightly closed.
- Rinse mouth and get medical help immediately if swallowed, if you feel unwell or if skin or eye irritation occurs and persists.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Dispose of waste to a hazardous waste facility following applicable legislation.
- Wash contaminated clothing daily.
- 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.

RELEVANT SUBSTANCES

Substance name (IUPAC/EC)	Concentration % by weight	Classification
		EC1272/2008
2-Furan carboxaldehyde (furfural)	80%	Acute Toxicity Oral, Category 3 H301. Acute Toxicity Inhalation, Category 3 H331. Serious Eye Damage/Irritation, Category 2 H319. STOT SE, Category 3 - Respiratory Irritation H335. Carcinogenicity, Category 2 H351.

Note: The inert ingredients not included above, do not cause or contribute towards the correct GHS classification of **Crop Guard 80** and is therefore, in terms of the South African Regulations for Hazardous Chemical Agents 2021; Regulation 14 (b), not listed.

SYMPTOMS OF HUMAN POISONING

- Ingestion: sore throat, abdominal pain, vomiting
- 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. In case of contact with eyes rinse immediately with plenty of clean water and seek medical advice. If ingested or inhaled – obtain immediate medical assistance.

NOTE TO PHYSICIAN

- No antidote available.
- Treat symptomatically and supportive.

MODE OF ACTION

- **Crop Guard 80** is a contact nematicide.

PRODUCT PROPERTIES AND USE-RESTRICTIONS

- **Crop Guard 80** 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 80** applications. Only nematodes in the soil around the roots will be controlled.
- Do not use **Crop Guard 80** on soils with high clay content.
- Field must be irrigated to field capacity before application of the product. It is important to incorporate **Crop Guard 80** 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 80** 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 80** is compatible with acetochlor (EC) and imazethapyr containing non-incorporated pre - emergent herbicides used on groundnuts.

Crop Guard 80 is not compatible with the following materials:

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

DIRECTIONS FOR USE

- USE ONLY AS DIRECTED.

MIXING INSTRUCTIONS AND APPLICATION

- Half fill the spray tank with clean water and commence agitation.
- Slowly add the recommended amount of **Crop Guard 80** 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.

APPLICATION TABLE RECOMMENDATIONS

Groundnuts

CROP/PEST	DOSAGE RATE	REMARKS
Groundnuts Under irrigation Plant parasitic nematodes	At plant: Overall application 55 l/ha Crop Guard 80 in at least 350 l/ha water or 28 l/ha Crop Guard 80 in at least 350 l/ha water at plant followed by an additional 28 l/ha Crop Guard 80 in 350 l/ha water 4 weeks after plant Follow up application: 28 l/ha Crop Guard 80 in at least 350 l/ha water every 4 weeks throughout the season	Overall application • Apply to a well-prepared, fine seedbed immediately before first irrigation. • Incorporate Crop Guard 80 into the top 10 cm of soil. • In fields with a history of excessively high peanut pod nematode infestation or where poor grade kernel were harvested repeatedly for reasons other than black pod rot infection, an application of Crop Guard 80 or other registered pre plant nematicides can be followed by a supplementary application of Crop Guard 80 every 4 weeks. • In high nematode infested areas, the higher dosage rate of 55l/ha Crop Guard 80 must be used. Note: • Refer to 'Compatibility' and 'Product Properties and use-restrictions'.

Tomatoes, Chillies, Peppers, Paprika and Ornamentals

CROP/PEST	DOSAGE RATE	REMARKS
Tomatoes Plant parasitic nematodes Chillies, Peppers, Paprika Plant parasitic nematodes Ornamentals Flowers only Plant parasitic nematodes	At plant: Overall application: 83 l/ha Crop Guard 80 in at least 600 l/ha water or 83 l/ha Crop Guard 80 split into an application of 55 l/ha Crop Guard 80 in at least 600 l/ha water 48 h before planting followed by 28 l/ha Crop Guard 80 in at least 600 l/ha water 4 weeks after planting Post plant: Supplementary overall application: 28 l/ha Crop Guard 80 in at least 600 l/ha water 4 weeks after planting	Medium and low nematode infestation: • Apply 48 h before plant to a well-prepared field irrigated to 70% of field capacity. • Ridge, transplant and irrigate. On fields with a history of high nematode infestations: • Fumigate the field initially with a registered soil fumigant and then follow with a supplementary application of Crop Guard 80 at the rate indicated. Re-infestation: • If re-infestation of nematodes is experienced during the season a supplementary soil application of Crop Guard 80 can be applied at the rate indicated. Notes: • Crop Guard 80 must be irrigated into the soil with a minimum of 10 mm water immediately after application. • Apply Crop Guard 80 as a directed spray to the soil and do not apply over plants when they are bearing fruit.
	Dripper irrigation application: 825mℓ/100 m row or 825mℓ/100 m row Crop Guard 80 split into an application of 550mℓ/100 m row Crop Guard 80 48 h before planting followed by 275mℓ/100 m row Crop Guard 80 4 weeks after planting Post plant: Supplementary application: 275mℓ/100 m row Crop Guard 80 4 weeks after planting	• Prepare a pre-mix mixture of not more than 10 % in a pressure tank prior to dosing. Apply the mixture through dosing in the dripper irrigation system to a well-prepared field. Note: • Crop Guard 80 must be irrigated into the soil with a minimum of 10 mm water immediately after application. • Refer to 'Compatibility' and 'Product Properties and use-restrictions'.

Maize

CROP/PEST	DOSAGE RATE	REMARKS
Maize Under irrigation Plant parasitic nematodes	At plant: a) Overall application: 28 l/ha Crop Guard 80 in at least 350 l/ha water b) Row application: 275ml Crop Guard 80 per 100 m row. Apply to a 50 cm wide band over the row. It is recommended that at least 350 l/ha water is used 1. Centre Pivot application: 28 l/ha Crop Guard 80	- Planting may commence directly following product application but preferably within three days after product application. - Irrigate within 24 hours after application with at least 10 mm of water to ensure proper incorporation. - Apply Crop Guard 80 to a well-prepared field irrigated to 70% field capacity with at least 10 mm of water or - Incorporate the Crop Guard 80 into the soil to a depth of 10 cm using an appropriate implement. - Irrigate with at least 10 mm of water after application. - Planting may commence directly following application but preferably within three days after application. - Plant in a well-prepared seedbed. - Prepare a 10 % mixture (10 l Crop Guard 80 in 100 l water) in the mixing tank. See notes regarding flowmeter. - Irrigate with at least 10 mm of water within 24 hours of product application. Notes: - Ensure even coverage through the pivot irrigation system. Use a glass flow meter to ensure accurate application and even distribution. - Refer to 'Compatibility' and 'Product Properties and use restrictions'.

Turf

CROP/PEST	DOSAGE RATE	REMARKS
Turf Plant parasitic nematodes	Initial application: 8.3 ml/m² Crop Guard 80 in 143 ml/m² water (151ml/m² total volume) 83 l/ha Crop Guard 80 in 1425 l/ha water (1508 l/ha mixture) Maintenance application: 2.75ml/m² Crop Guard 80 in 50ml/m² water (53ml/m² mixture) 28 l/ha Crop Guard 80 in 475 l/ha water (503 l/ha mixture)	- Initial application at the start of the season or at high nematode pressure. - Apply the mixture as a full cover coarse spray on actively growing turf irrigated to 70% field capacity. - Irrigate with 10 mm of water within 15 minutes after application. For severely stressed turf only use the maintenance rate - Maintenance applications at 4 week intervals if necessary. Season (Spring and summer) length application is advisable to minimise nematode infestations - Apply the mixture as a full cover coarse spray on turf irrigated to field capacity. - Irrigate with 10 mm of water within 15 minutes after application. Notes: - The area to be treated must be accurately determined and the dosage rate calculated based on this area. - The shoot length must be less than 20 mm. - Application must be undertaken during a cool period of the day preferably in the early morning. - Sandy soils should be irrigated with 5 mm of water within 15 minutes after application. - Under high infestation revert to the 83l/ha dosage rate. For severely stressed turf only use the maintenance rate - Refer to 'Compatibility' and 'Product Properties and use restrictions'.

Onions

CROP/PEST	DOSAGE RATE	REMARKS
Onions Plant parasitic nematodes	At plant: Overall application: 28 l/ha Crop Guard 80 in at least 350 l/ha water Follow-up application: 28 l/ha Crop Guard 80 in 350 l/ha water 4 weeks after the first application	Overall Application • Apply to a well-prepared field irrigated to 70% field capacity. • Incorporate mechanically to a depth of 10 cm. • Irrigate with 10 mm of water directly after application. • Plant into the treated seedbed within 24 hours of application. Centre pivot application • Plant into a well-prepared seedbed. • Apply through the pivot irrigation system with the first irrigation after plant within at least 24 hours. • Irrigate with a minimum of 10 mm water within at least 24 hours. • Ensure even coverage through the pivot irrigation system. Notes: • Refer to 'Compatibility' and 'Product Properties and use restrictions'.

Sugarcane

CROP	DOSAGE RATE	REMARKS
Sugarcane Plant parasitic nematodes	Irrigated Cane Plant cane/Ratoon cane Row application 550 ml Crop Guard 80 in 5 l of water in a band 50 cm wide per 100 m plant row Follow-up application: (Optional – Refer Notes) 275 ml Crop Guard 80 in 5 l of water in a band 50cm wide per 100 m plant row, 4 weeks after the first application Rainfed cane Plant cane Row application 550 ml Crop Guard 80 in 5 l of water in a band 50 cm wide per 100 m plant row	Irrigated cane • Apply in/over the furrow before plant to a well prepared land, irrigated to field capacity. • Seal or incorporate to a depth of 20 cm. • Irrigate with 10 mm of water directly after application. or • Apply over the ratoon as a row application to land irrigated to field capacity • Irrigate with 10 mm of water directly after application. Rain fed cane • Apply over/in the furrow before plant to a well prepared land of high moisture content • Seal or incorporate to a depth of 20 cm Notes • Follow-up applications may be applied at 4 week intervals anytime during the season in instances of high nematode pressure. • High moisture content of the soil is important for good efficacy under rainfed conditions. • Do not use on rainfed ratoon cane. • Refer to 'Compatibility' and 'Product Properties and use restrictions'.

Potato

CROP/PEST	DOSAGE RATE	REMARKS
Potatoes cultivated under irrigation only Plant parasitic nematodes	At plant: Overall application: 28ℓ/ha Crop Guard 80 in at least 250 ℓ/ha water Row application: 275 mℓ Crop Guard 80 / 100m row in at least 2.5 ℓ of water Follow up application: 28ℓ/ha of Crop Guard 80 in at least 250 ℓ/ha of water every 2 weeks throughout the season Row application: 275 mℓ Crop Guard 80 / 100m row in at least 2.5 ℓ of water every 2 weeks throughout the season	Overall Application • Apply to a well-prepared field irrigated to 70% field capacity • Incorporate to a depth of 20 cm. • Plant and ridge. • Irrigate with a minimum of 10 mm of water. Centre pivot application • Apply through the pivot irrigation system to a well-prepared field at a rate that evenly covers the area that is to be treated and to a depth of at least 20 cm by monitoring the irrigation water depth. Notes: • 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 a supplementary application of Crop Guard 80. • Crop Guard 80 is a contact nematicide. To prevent re infestation from endoparasitic nematodes, application of a systemic nematicide at plant is recommended. • Refer to 'Compatibility' and 'Product Properties and use restrictions'. Planting clean seed: • Healthy seed tubers, of uniform maturity, should be planted • Plant only certified nematode-free potato seed

Carrots

CROP/PEST	DOSAGE RATE	REMARKS
Carrots Plant parasitic nematodes	At plant: Overall application: 28 l/ha Crop Guard 80 in at least 350 l/ha water Follow-up application: 28 l/ha Crop Guard 80 in at least 350 l/ha water 2-3 weeks after the first application	Overall Application • Apply to a well-prepared field irrigated to 70% field capacity. • Follow the application immediately with a minimum of 10 mm of water. or • 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. Centre pivot application • 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. Notes: • 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 80. • For season length protection follow-up applications of 28l/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'.

Lettuce

CROP/PEST	DOSAGE RATE	REMARKS
Lettuce Plant parasitic nematodes	At plant: Overall application: 28 ℓ/ha Crop Guard 80 in at least 350 ℓ/ha water Follow-up application: 28 ℓ/ha Crop Guard 80 in at least 350 ℓ/ha water 2 weeks after the first application	Overall application • Apply to a well-prepared field irrigated to 70% field capacity. • Follow the application immediately with a minimum of 10 mm of water. or • Incorporate 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 48 hours of application. Centre pivot application • Plant into a well prepared a fine seedbed. • Apply through the pivot irrigation system 48 hours before planting in a minimum of 10 mm of water. • Ensure even coverage through the pivot irrigation system. Notes: • Field must be irrigated to 70% field capacity before application of the product. • Refer to 'Compatibility' and 'Product Properties and use restrictions'.

Citrus

CROP/PEST	DOSAGE RATE	REMARKS
Citrus Plant parasitic nematodes	1 application of 8.25ml/m² followed by 2 applications of 2.75ml/m² at 2 to 3 week intervals	Drip/Micro-jet application • Make up a 10% solution with water, prior to application of product • Apply to a field irrigated to at least 70% field capacity. • Follow the applications immediately with a minimum of 10 mm of water. Area to be treated (number of m²) • Treat the tree basin, under the tree canopy for an overall surface spray or the area covered by the drip or micro-irrigation system if applied through these. Notes: • Applications must be undertaken during the spring and autumn root flush periods • In instances of high nematode infestation, use an alternative nematicide and follow up with Crop Guard 80. • When Crop Guard 80 is applied through the irrigation system, it will only control nematodes present in the area reached by the dripper or micro-jet. • Refer to 'Compatibility' and 'Product Properties'

Tobacco

CROP/PEST	DOSAGE RATE	REMARKS
Tobacco Plant parasitic nematodes	At plant: Overall application: 55 l/ha Crop Guard 80 in at least 500 l of water Follow-up application: 28 l/ha Crop Guard 80 in at least 500 l of water 2 to 3 weeks after the first application	Ground application • Apply to a well-prepared field irrigated to 70% field capacity. • Follow the applications immediately with a minimum of 10 mm of water. or • Incorporate to a depth of 10 cm immediately after application and then irrigate with a minimum of 5 mm of water. • Plant into the treated seedbed 48 hours of application. Notes: • Field must be irrigated to 70% field capacity before application of Crop Guard 80. • To follow-up applications of 28 l/ha Crop Guard 80 at 2 to 3 week intervals are recommended. Should there be high nematode pressure, or where 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. • In instances of high nematode infestation, the field should be fumigated with a registered fumigant prior to application of Crop Guard 80. Any susceptible rotational crop planted after tobacco must be protected against nematodes. • Plant only nematode-free seedlings. • Refer to 'Compatibility' and 'Product Properties and Use-restrictions'.

Vines

CROP/PEST	DOSAGE RATE	REMARKS
Vines Plant parasitic nematodes (Eelworms)	1 application of 5.5ml/m² followed by 2 applications of 2.75ml/m² at 2 to 3 week intervals	Drip/Micro-jet application • Make up a 10% solution with water, prior to application of product • Apply to a field irrigated to at least 70% field capacity. • Follow the applications immediately with a minimum of 10 mm of water. Area to be treated (number of m²) • Treat the tree basin, under the tree canopy for an overall surface spray or the area covered by the drip or micro-irrigation system if applied through these. Notes: • Applications must be undertaken during the spring and autumn root flush periods • In instances of high nematode infestation, a further application can be made during the 3rd root flush period. • When Crop Guard 80 is applied through the irrigation system, it will only control nematodes present in the area reached by the dripper or micro-jet. • Refer to 'Compatibility' and 'Product Properties'

Stone fruit

CROP/PEST	DOSAGE RATE	REMARKS
Stone fruit Plant parasitic nematodes (Eelworms)	1 application of 5.5ml/m² followed by 2 applications of 2.75ml/m² at 2 to 3 week intervals	Drip/Micro-jet application • Make up a 10% solution with water, prior to application of product • Apply to a field irrigated to at least 70% field capacity. • Follow the applications immediately with a minimum of 10 mm of water. Area to be treated (number of m²) • Treat the tree basin, under the tree canopy for an overall surface spray or the area covered by the drip or micro-irrigation system if applied through these. Notes: • Applications must be undertaken during the spring and autumn root flush periods • In instances of high nematode infestation, a further application can be made during the 3rd root flush period. • When Crop Guard 80 is applied through the irrigation system, it will only control nematodes present in the area reached by the dripper or micro-jet. • Refer to 'Compatibility' and 'Product Properties'

Apples

CROP/PEST	DOSAGE RATE	REMARKS
Apples Plant parasitic nematodes (Eelworms)	1 application of 5.5ml/m² followed by 2 applications of 2.75ml/m² at 2 to 3 week intervals	Drip/Micro-jet application • Make up a 10% solution with water, prior to application of product • Apply to a field irrigated to at least 70% field capacity. • Follow the applications immediately with a minimum of 10 mm of water. Area to be treated (number of m²) • Treat the tree basin, under the tree canopy for an overall surface spray or the area covered by the drip or micro-irrigation system if applied through these. Notes: • Applications must be undertaken during the spring and autumn root flush periods • In instances of high nematode infestation, a further application can be made during the 3rd root flush period. • When Crop Guard 80 is applied through the irrigation system, it will only control nematodes present in the area reached by the dripper or micro-jet. • Refer to 'Compatibility' and 'Product Properties'

Hops

CROP/PEST	DOSAGE RATE	REMARKS
Hops Plant parasitic nematodes (Eelworms)	1 application of 5.5ml/m² followed by 2 applications of 2.75ml/m² at 2 to 3 week intervals	Drip/Micro-jet application • Make up a 10% solution with water, prior to application of product • Apply to a field irrigated to at least 70% field capacity. • Follow the applications immediately with a minimum of 10 mm of water. Area to be treated (number of m²) • Treat the tree basin, under the tree canopy for an overall surface spray or the area covered by the drip or micro-irrigation system if applied through these. Notes: • Applications must be undertaken during the spring and autumn root flush periods • In instances of high nematode infestation, a further application can be made during the 3rd root flush period. • When Crop Guard 80 is applied through the irrigation system, it will only control nematodes present in the area reached by the dripper or micro-jet. • Refer to 'Compatibility' and 'Product Properties'

CROP GUARD 80

REG. NO. L 9253 (ACT NO. 36 of 1947)

REG. NR. L 9253 (WET NO. 36 van 1947)

READ ENCLOSED LEAFLET FOR FULL DETAILS BEFORE USE • LEES INGESLOTE PAMFLET
VIR VOLLE BESONDERHEDE VOOR GEBRUIK
KEEP OUT OF REACH OF CHILDREN AND ANIMALS • HOU BUITE BEREIK VAN KINDERS EN
DIERE



NATURAL PRODUCT OF SUGARCANE
NATUURLIKE PRODUK VAN SUIKERRIET

AN ILLOVO SUGAR AFRICA COMPANY

A CONTACT EMULSIFIABLE CONCENTRATE NEMATICIDE FOR
THE CONTROL OF NEMATODES ON CROPS AS INDICATED • 'N KONTAK EMULGEERBARE
KONSENTRAAT NEMATODEDODER (AALWURMDODER) VIR
DIE BEHEER VAN NEMATODES OP GEWASSE SOOS AANGEDUI



GEVAAR

GHS GEVAARVERKLARINGSTERME

- Giftig indien ingesem.
- Giftig indien ingesluk.
- Veroorsaak ernstige oogirritasie en mag lugwegirritasie veroorsaak.
- Vermoede dat dit kanker veroorsaak.

GHS VOORSORGVKLAARINGSSTERME

- Vermoed inaseming van poeier/walm/gas/stuifsel/dampe/spuitstof.
- Was hande en gesig deeglik na hantering.
- Moet nie aan oë raak nie. Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie.
- Gebruik slegs buitenshuis of in 'n goed geventileerde area.
- Dra beskermende handskoene, beskermende klere en oogbeskerming.
- Berg agter slot en grendel. Berg in 'n goed geventileerde plek. Hou houer dig geseël.
- INDIEN INGESLUK: Spoel mond uit. Verkry onmiddellik mediese noodhulp. Indien oogirritasie voortduur: Verkry mediese noodhulp.
- INDIEN IN OË: Spoel versigtig met water vir etlike minute. Verwyder kontaklense, indien aanwesig en maklik om te verwyder. Hou aan met spoel.
- Raak ontslae van inhoud/houer weg by 'n fasiliteit vir gevaarlike afval volgens toepaslike wetgewing.

Active Ingredient: *Furfural (aldehyde) 800 g/l*
Aktiewe Bestanddeel: *Furfural (aldehyd) 800 g/l*

Net Volume: 1ℓ, 5ℓ, 10ℓ, 20ℓ, 200ℓ, 1000ℓ

REGISTERED AND FORMULATED
GEREGISTREER EN GEFORMULEER DEUR:
Illovo Sugar (South Africa) (Pty) Ltd
Co. Reg. No. 1915/000879/07
Mpy. Reg. No. 1915/000879/07
1 Nokwe Avenue, Ridgeside
Umhlanga Rocks, 4319.
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Plaaslik - 0800 17 2743 en internasionaal- +27
82 775 3305
Mens- en dierevergiftiging:
+27 824 910 160 and +27 861 555 777

Batch No.:
Date of Manufacture:
UN No./VN Nr 2909 PESTICIDE, LIQUID, TOXIC, N.O.S. (Furfural)

Lot Nr.:
Vervaardigingsdatum:

WAARSKUWINGS

GHS GEVAARVERKLARINGSTERME

- Giftig indien ingeasem.
- Giftig indien ingesluk.
- Veroorsaak ernstige oogirritasie en mag lugwegirritasie veroorsaak.
- Vermoede dat dit kanker veroorsaak.

- Onthoudings periode:
 - Laat 43 dae toe tussen laaste toediening en oes van citrus.
 - Laat 42 dae toe tussen laaste toediening en oes van blaarslaai.
 - Laat 41 dae toe tussen laaste toediening en oes van uie.
 - Laat 40 dae toe tussen laaste toediening en oes van appels.
 - Laat 40 dae toe tussen laaste toediening en oes van hops.
 - Laat 14 dae toe tussen laaste toediening en oes van aartappels
- Moenie behandelde grondbone lande binne 28 dae na toediening bewei nie.
- Hanteer uiters versigtig.

Alhoewel hierdie middel onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie, die voorkoms van die bestandheid van die plaag teen die betrokke produk sowel as die metode, tyd en akkuraatheid van toediening. Onafhanklik van die dosis wat gebruik word, word die nawerking en die nematode aktiwiteit van hierdie middel is baie beïnvloed deur faktore buite die vervaardiger/verspreider se beheer. Faktore soos monocropping, rotasie met nematode vatbare gewasse, grond tipe en die hoeveelheid besproeiings water of reënval ontvang binne die tydperk, kan 'n mate van nematode skade veroorsaak. Wanneer hoë nematode druk voorkom kan die produsent nie 'n absolute nematode vry gewas verwag nie en erge verliese kan voorkom. Die gebruik van **CROP GUARD 80** word nie aanbeveel indien abnormale verbouingspraktyke gevolg word, soos byvoorbeeld die herhaalde plant van vatbare gewasse op dieselfde land, of waar hoë nematode druk ondervind word. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of nadelige effek op mens of dier, of gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREËLS**VOORSORGVERKLARINGSTERME**

- Hou houer dig geseël.
- Vermyn inaseming van poeier/walm/gas/stuifsel/dampe/spuitstof.
- Was hande en gesig deeglik na hantering. Moet nie aan oë raak nie.
- Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie.
- Gebruik slegs buitenshuis of in 'n goed geventileerde area.
- Dra beskermende handskoene, beskermende klere en oogbeskerming.
- Berg agter slot en grendel. Berg in 'n goed geventileerde plek. Hou houer dig geseël.
- INDIEN INGESLUK: Spoel mond uit. Verkry onmiddellik mediese noodhulp.
- Indien oogirritasie voortduur: Verkry mediese noodhulp.
- INDIEN IN OË: Spoel versigtig met water vir etlike minute. Verwyder kontaklense, indien aanwesig en maklik om te verwyder. Hou aan met spoel.
- Was besoedelde klere daagliks.
- Voorkom wegdrywing van sproeinewel na ander gewasse, weiding, riviere, damme, of areas nie onder behandeling nie.
- Maak spuittoerusting skoon na gebruik en raak ontslae van spoelwater waar dit nie gewasse weiding riviere of damme sal besoedel nie.
- Spoel leë houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die inhoud van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.
- Vernietig leë houer deur gate in te slaan en plat te slaan en moet vir geen ander doel gebruik nie.
- Raak ontslae van inhoud/houer weg by 'n fasiliteit vir gevaarlike afval volgens toepaslike wetgewing.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

RELEVANTE STOWWE

Naam van die stof (IUPAC/EC)	Konsentrasie% volgens gewig	Klassifikasie
		EC1272/2008
2-Furan carboxaldehide (furfural)	80%	Akute giftigheid, mondelings, Gevaarkategorie 3 H301. Akute giftigheid, inaseming, Gevaarkategorie 3 H331. Ernstige oogskade/-irritasie, Gevaarkategorie 2 H319. STOT SE, Giftig vir spesifieke teikenorgane, eenmalige blootstelling; Lugwegirritasie Gevaarkategorie 3 H335. Kankerwekkendheid, Gevaarkategorie 2 H351.

Let wel: Die inerte bestanddele wat nie hierbo ingesluit is nie, veroorsaak of dra nie by tot die korrekte GHS-klassifikasie van **Crop Guard 80** nie en is dus in terme van die Suid-Afrikaanse Regulasies vir Gevaarlike Chemiese Middels 2021; Regulasie 14 (b), nie gelys nie.

SIMPTOME VAN MENSLIKE VERGIFTIGING

- Inname: seer keel, buikpyn, braking
- Oë: rooiheid, pyn, versteurde sig
- Inaseming: seer keel, hoes, kortasem, swaar asemhaling

NOODHULPBEHANDELING

- Verwyder pasiënt van bron van vergiftiging na 'n goed geventileerde area en hou hom/haar stil en kalm. Verwyder besoedelde klere en was besoedelde liggaam areas deeglik met baie water en seep. In die geval van aanraking met oë spoel onmiddellik uit met baie skoon water en kry mediese hulp.

NOTA AAN GENEESHEER

- Geen teenmiddel beskikbaar nie.
- Behandel simptome en ondersteunend.

WERKWYSE

- **Crop Guard 80** is 'n kontak aalwurm doder.

PRODUK EIENSKAPPE EN GEBRUIKS BEPERKINGS

- **Crop Guard 80** is 'n kontak nematodedoder (aalwurmdoder) wat nie sistemies deur die plant opgeneem word nie. Indien die plante reeds deur nematodes (aalwurms) geïnfesteer is, sal die produk nie die aalwurms (nematodes) binne die plant beheer nie. Dit sal wel die nematodes (aalwurms) in die grond rondom die plantwortels beheer.
- **Crop Guard 80** moet nie op gronde met 'n hoë klei inhoud gebruik word nie.
- Besproei land tot op veldkapasiteit voordat die produk toegedien word. Dit is belangrik om **Crop Guard 80** deur middel van ploeg, dis, kopploeg en/of met besproeiing in die wortelarea wat beskerm moet word, in te werk.
- Met die plant van grondgedraagde knol of wortel gewasse word dit aanbeveel om die grond met 'n geregistreerde berokingsmiddel te behandel voor die gebruik van **Crop Guard 80**
- Verwyder all ou plantreste uit die land.
- Indien wortel/knol reste in die land agterbly, moet die grond berook word met 'n geskikte berokingsmiddel.
- Produk beheer nie *Meloidogyne chitwoodi* of sist nematodes nie.

VERENIGBAARHEID

- **Crop Guard 80** is verenigbaar met asetochlor (EC) en imazapyr bevattende nie ge-inkorporeerde vooropkomsonkruidodders wat op grondbone gebruik word.

Crop Guard 80 is nie verenigbaar met die volgende produkte nie:

- Veselglas
- PVC
- Rubber
- En ander sagte elastomere (rekbare en buigbare sintetiese rubber komponente)

GEBRUIKSAANWYSINGS

- Gebruik alleenlik soos aangedui.

MENGINSTRUKSIES EN TOEDIENING

- Maak spuittenk halfvol met skoon water, en begin roer.
- Voeg die verlangde hoeveelheid **Crop Guard 80** stadig by die water in die tenk terwyl daar geroer word en vul daarna met skoon water aan tot die benodigde volume.
- Toediening moet tydens 'n windstil tyd van die dag plaasvind, kort na vermenging en binne een uur na vermenging.
- Moet die tenk nie laat staan sonder dat daar geroer word nie.
- Na gebruik spoel die spuittenk deeglik uit met water.

AANBEVELINGS VAN TOEPASSINGSTABEL

Grondbone

GEWAS/PLAAG	DOSIS	OPMERKINGS
Grondbone Onder besproeiing Plant parasitiese nematodes (aalwurms)	Met plant: Breedwerpige toediening 55 l/ha Crop Guard 80 in minstens 350 l/ha water of 28 l/ha Crop Guard 80 in minstens 350 l/ha water met plant opgevolg met nog 'n bespuiting van 28l/ha in minstens 350 l/ha water 4 weke na plant Na plant: 28 l/ha Crop Guard 80 in minstens 350 l/ha water toegedien elke 4 weke gedurende die seisoen	Breedwerpige toediening - Breedwerpige toediening op 'n goed voorbereide, fyn saadbed net voor eerste besproeiing. Werk Crop Guard 80 in die boonste 10 cm grond in. - In lande met 'n geskiedenis van hoë nematode besmetting of waar laegraad bone herhaaldelik geoes is vir ander redes as swartpeulvrot-infeksie, word die toediening van Crop Guard 80 of ander voor-plant geregistreerde nematode doders aanbeveel, opgevolg met 'n aanvullende toedienings van Crop Guard 80 4 weke na die aanvanklike toediening. - In lande met 'n hoë nematode besmetting moet die hoër dosis Crop Guard 80 gebruik word. Nota: - Verwys na 'Verenigbaarheid' en 'Produk eienskappe en gebruiks beperkings'.

Tamaties, Rissies, Soetrissies, Paprika en Sierplante

GEWAS/PLAAG	DOSIS	OPMERKINGS
Tamaties Plant parasitiese nematodes (aalwurms) Rissies, Soetrissies, Paprika Plant parasitiese nematodes (aalwurms) Sierplante Slegs blomme Plant parasitiese nematodes (aalwurms)	Met plant: Breedwerpige toediening: 83 l/ha Crop Guard 80 in minstens 600 l/ha water of 83 l/ha Crop Guard 80 verdeel in 'n toediening van 55 l/ha Crop Guard 80 in minstens 600 l/ha water 48 uur voor plant opgevolg met 28 l/ha Crop Guard 80 in ten minste 600 l/ha water 4 weke na plant Na plant: aanvullende breedwerpige toediening: 28 l/ha Crop Guard 80 in ten minste 600 l/ha water 4 weke na plant	Medium en lae nematode infestasië: - Dien 48 uur voor plant toe op 'n goed voorbereide land wat vooraf tot 70% veld kapasiteit besproei is. - Trek walle, plant en besproei. Op lande met 'n geskiedenis van hoë nematode infestasiës: - Behandel land eerstens met 'n geregistreerde grond berokingsmiddel en volg op met 'n aanvullende toediening van Crop Guard 80 teen die dosis aangedui. Herinfestasië: - Indien herinfestasië van nematodes gedurende die seisoen ondervind word kan 'n aanvullende bespuiting van Crop Guard 80 toegedien word teen die dosis soos aangedui. Nota: Crop Guard 80 moet onmiddellik na 'n toediening in die grond in besproei word met ten minste 10 mm water. Crop Guard 80 moet as 'n gerigte bespuiting op die grond toegedien word en nie oor plante wanneer in drag nie.
	Drupbesproeiing: 825 ml/100 m ry of 825 ml/100 m ry Crop Guard 80 verdeel in 'n toediening van 550 ml/100 m ry 48 uur voor plant opgevolg met 275 ml/100 m ry Crop Guard 80 4 weke na plant Na plant aanvullende toediening: 275 ml/100 m ry Crop Guard 80 4 weke na plant	- Berei 'n mengsel van nie meer as 10 % Crop Guard 80 voor in 'n druk tenk. Dien dan die mengsel toe deur die drup-stelsel op 'n goed voorbereide land. Notas: Crop Guard 80 moet onmiddellik na toediening opgevolg word met minstens 10 mm water. - Lees ook 'Verenigbaarheid' en 'Produk eienskappe en gebruikse beperkings'.

Mielies

GEWAS/PLAAG	DOSIS	OPMERKINGS
Mielies Onder besproeiing Plant parasitiese nematodes (aalwurms)	Met plant: a) Breedwerpige toediening: 28 l/ha Crop Guard 80 in ten minste 350 l water/ha b) Rybespuiting: 275 ml Crop Guard 80 per 100 m ry Dien toe in 'n 50 cm breë band oor die ry. 'n Water volume van ten minste 350 l/ha word aanbeveel 2. Spilpunt toediening: 28 l/ha Crop Guard 80	- Plant kan geskied direk na die toediening maar verkieslik binne drie dae na toediening. - Besproei binne 24 uur na toediening met ten minste 10 mm water om die produk voldoende in te was. - Dien toe op 'n goed voorbereide land wat vooraf besproei is tot 70% veldkapasiteit met minstens 10 mm water. <i>OF</i> - Werk die produk in die grond in tot 'n diepte van 10 cm met 'n geskikte implement. - Besproei met ten minste 10 mm water na toediening. - Plant kan geskied direk na die toediening maar verkieslik binne drie dae na toediening. - Plant in 'n goed voorbereide saadbed. - Berei 'n 10 % mengsel (10 l Crop Guard 80 per 100 l water) in die mengtenk. Sien nota rakende vloeimeter. - Besproei met ten minste 10 mm water binne 24 uur na toediening. Notas: - Verseker egalige toediening deur die spilpunt. Gebruik 'n glasvloeimeter om akkurate toediening te verseker. - Verwys na 'Verenigbaarheid' en 'Produk Eienskappe en gebruiks beperkings'.

Baangras

GEWAS/PLAAG	DOSIS	OPMERKINGS
Baangras Plant parasitiese nematodes (aalwurms)	Aanvangs toediening: 8.3 ml/m² Crop Guard 80 in 143 ml/m² water (151 ml/m² totale mengsel) 83 l/ha Crop Guard 80 in 1425 l/ha water (1508 l/ha mengsel) Instandhoudings toediening: 2.75 ml/m² Crop Guard 80 in 50 ml/m² water (53 ml/m² mengsel) 28 l/ha Crop Guard 80 in 475 l/ha water (503 l/ha mengsel)	• Begin toediening aan die begin van die seisoen of wanneer nematode druk hoog is. • Dien die mengsel toe as 'n breedwerpige growwe bespuiting op aktief groeiende gras wat vooraf besproei is tot 70% veldkapasiteit. • Besproei met 10 mm water binne 15 minute na bespuiting. Gebruik slegs die instandhoudings dosis vir baangras onder hoë druk toestande. • Doen opvolg toedienings elke 4 weke indien nodig. Seisoens lange (lente en somer) toediennings word aanbeveel om nematode infestasië te minimaliseer. • Dien die mengsel toe as 'n breedwerpige growwe bespuiting op aktief groeiende gras wat vooraf besproei is tot veldkapasiteit. • Besproei met 10 mm water binne 15 minute na bespuiting. Notas: • Die behandelings oppervlakte moet akkuraat bepaal word en daarvolgens moet die dosis bereken word. • Toediening moet tydens die koel periode van die dag gedoen word, verkieslik in die vroeë oggend. • Sanderige gronde moet besproei word met 5 mm water binne 15 minute na toediening. • Onder toestande van hoë nematode druk gebruik die hoër aanvangsdosis van 83 l/ha. • Gebruik slegs die instandhoudings dosis vir baangras onder hoë druk toestande. • Verwys na 'Verenigbaarheid' en 'Produk Eienskappe en gebruikse beperkings'.

Uie

GEWAS/PLAAG	DOSIS	OPMERKINGS
Uie Plant parasitiese nematodes (aalwurms)	Met plant: Breedwerpige toediening: 28 l/ha Crop Guard 80 in minstens 350 l/ha water Opvolg bespuiting: 28 l/ha Crop Guard 80 in 350 l/ha water 4 weke na die eerste toediening	GROND TOEDIENING - Besproei land tot 70% veldkapasiteit. - Dien Crop Guard 80 op 'n goed voorbereide land toe. - Werk meganies in tot 'n diepte van 10 cm. - Besproei direk na bewerking met ten minste 10 mm water. - Plant in behandelde saadbed binne 24 uur van toediening. Spilpunt toediening - Plant in 'n goed voorbereide fyn saadbed. - Dien toe deur die spilpunt met die eerste besproeiing binne 24 uur na plant. - Was in met 'n minimum van 10 mm water binne 24 uur. - Verseker egalige toediening deur die spilpunt. Nota: - Verwys na 'Verenigbaarheid' en 'Produk Eienskappe en gebruiks beperkings'.

Suikerriet

GEWAS/ PLAAG	DOSIS	OPMERKINGS
Suikerriet Plant parasitiese nematodes (aalwurms)	Suikerriet onder besproeiing Met plant/Opslag Rybespuiting 550 mℓ Crop Guard 80 in 5 ℓ water per 100 m ry, toegedien as 'n 50 cm wye band Opvolg bespuiting (Opsioneel – sien notas) Rybespuiting 275 mℓ Crop Guard 80 in 5 ℓ water per 100 m ry, toegedien as 'n 50 cm wye band, 4 weke na die eerste toediening Droëland suikerriet Met plant Rybespuiting 550 mℓ Crop Guard 80 in 5 ℓ water per 100 m ry, toegedien as 'n 50 cm wye band	Suikerriet onder besproeiing • Dien toe voor plant in/oor plantvoor op 'n goed voorbereide land wat voor die tyd besproei is tot 70% veldkapasiteit. • Seël of werk in tot op 'n diepte van 20 cm. • Besproei met 'n minimum van 10 mm besproeiings water direk na behandeling. of • Dien toe as 'n rybespuiting oor die opslag suikerriet op 'n land wat besproei is tot veldkapasiteit. • Besproei met 'n minimum van 10 mm besproeiings water direk na behandeling. Droëland suikerriet • Dien toe in plantvoor voordat geplant word op 'n goed voorbereide land met 'n hoë grondvog. • Seël of werk in tot op 'n diepte van 20 cm. Notas: • Indien die nematode druk by suikerriet onder besproeiing hoog is, kan opvolg bespuitings enige tyd gedurende die seisoen gedoen word met 4-weeklikse intervalle • Vir goeie beheer onder droëland toestande is hoë grondvog uiters belangrik met die toediening van Crop Guard 80 by plant. • Moet nie gebruik word op droëland opslag suikerriet nie. • Verwys na 'Verenigbaarheid' en 'Produk Eienskappe en Gebruiks beperkings'.

Aartappels

GEWAS/PLAAG	DOSIS	OPMERKINGS
Aartappels Slegs bewerk onder besproeing Plant parasitiese nematodes (aalwurms)	Met plant: Breedwerpige toediening: 28 l/ha Crop Guard 80 in minstens 250 l/ha water Ry toediening: 275 ml Crop Guard 80 in 2.5 l water/100 m ry Na plant: Breedwerpige toediening: 28 l/ha Crop Guard 80 in minstens 250 l/ha water elke 2 weke gedurende seisoen Ry toediening: 275 ml Crop Guard 80 in 2.5 l water/100 m ry elke 2 weke gedurende die seisoen	Breedwerpige toediening - Dien toe op 'n goed voorbereide land wat vooraf besproei is tot 70% veldkapasiteit. - Werk in tot 'n diepte van 20 cm. - Plant and trek walle. - Besproei met 'n minimum van 10 mm water. Spilpunttoediening - Dien toe deur die spilpunt besproeiing stelsel op 'n goed voorbereide land met 'n volume water wat eweredige bedekking sal gee en tot op 'n diepte van 200 mm. Monitor die diepte van die besproeiings water. Notas: Op lande met 'n geskiedenis van uitermate hoë nematode druk moet die grond eers berook word met 'n geregistreerde produk en daarna kan aanvullende Crop Guard 80 behandelings gedoen word. Crop Guard 80 is 'n kontak middel en om herbesmetting van plant endoparasitiese nematodes te voorkom, word dit aanbeveel om 'n geregistreerde sistemiese nematode middel met plant toe te dien. - Verwys na 'Verenigbaarheid' en 'Produk Eienskappe en Gebruiks beperkings'. Plant gesonde saad aartappels: - Plant gesonde aartappel saad van eenvormige rypheid - Plant alleenlik gesertifiseerde nematode vrye aartappel saad

Wortels

GEWAS/PLAAG	DOSIS	OPMERKINGS
Wortels Plant parasitiese nematodes (aalwurms)	Met plant: Breedwerpige toediening: 28 l/ha Crop Guard 80 in minstens 350 l/ha water Opvolg bespuiting: 28 l/ha Crop Guard 80 in minstens 350 l/ha water 2-3 weke na die eerste toedienning	Breedwerpige toediening: - Dien breedwerpig toe op 'n goed voorbereide land wat besproei is tot 70% veldkapasiteit. - Besproei dadelik met minstens 10 mm water. of - Werk in tot 'n diepte van 10 cm direk na toedienning en besproei dan met minstens 5 mm water. - Plant in behandelde saadbed binne 24 uur vanaf toediening. Spilpunt toediening: - Plant in 'n goed voorbereide saadbed. - Dien toe deur die spilpunt tydens die eerste besproeiing na plant met 'n minimum van 10 mm water. - Verseker egalige toedienning deur die spilpunt. Notas: - Op lande met 'n geskiedenis van uitermate hoë nematode druk moet die grond eers berook word met 'n geregistreerde produk en daarna kan aanvullende Crop Guard 80 behandelings gedoen word. - Vir beskerming deur die seisoen word opvolg toediennings van 28 l/ha elke 2-3 weke aanbeveel. Die 2-weeklikse toediennings word aanbeveel indien nematode druk hoog is, die land 'n geskiedenis van hoë nematode druk het of besmette plant material (wortels) van die vorige seisoen in die land voorkom. - Verwys na 'Verenigbaarheid' en 'Produk Eienskappe Gebruiks beperkings'.

Blaarslaai

GEWAS/PLAAG	DOSIS	OPMERKINGS
Blaarslaai Plant parasitiese nematodes (aalwurms)	Met plant: Breedwerpige toediening: 28 l/ha Crop Guard 80 in minstens 350 l/ha water Opvolg bespuiting: 28 l/ha Crop Guard 80 in minstens 350 l/ha water 2 weke na die eerste toedienning	<i>BREEDWERPIGE TOEDIENING:</i> • Dien toe op 'n goed voorbereide land wat besproei is tot 70% veld kapasiteit. • Besproei dadelik met minstens 10 mm water na toediening of • Werk in tot 'n diepte van 10 cm direk na toediening en besproei dan met minstens 5 mm water. • Plant in behandelde saadbed binne 48 uur vanaf toediening. Spilpunt toediening: • Berei 'n fyn saadbed voor • Dien toe deur die spilpunt 48 uur voor plant met minstens 10 mm water. • Verseker egalige toediening deur die spilpunt. Nota: • Verwys na 'Verenigbaarheid' en 'Produk Eienskappe en gebruiks beperkings'.

Sitrus

GEWAS/PLAAG	DOSIS	OPMERKINGS
Sitrus Plant parasitiese nematodes	1 toediening van 8.25ml/m² opgevolg deur 2 toedienings van 2.75ml/m² elke 2 tot 3 weke	Breedwerpige toediening of Drip/Mikro besproeiing • Berei voor die tyd 'n 10 % Crop Guard 80 mengsel voor. • Dien toe op boord wat vooraf besproei is tot ten minste 70% veldkapasiteit. • Volg toediening dadelik op met ten minste 10 mm besproeiing. Area wat behandel moet word (m²) • Behandel die oppervlakte onder die blaardak as 'n algehele grondbespuiting of die area gedek deur die drip- of mikro besproeiing stelsel. Notas: • Behandeling moet gedurende die nuwe wortel groei periode in die lente en die herfs gedoen word. • In gevalle van hoë nematode druk kan 'n verdere toediening gedurende die nuwe wortelgroei periode in die somer gedoen word. • Indien Crop Guard 80 deur die besproeiing stelsel toegedien word, sal dit slegs die nematodes beheer in die areas waar die besproeiingstelsel bykom. • Verwys na 'Verenigbaarheid' en 'Produk eienskappe en gebruiks beperkings'.

Tabak

GEWAS/PLAAG	DOSIS	OPMERKINGS
Tabak Plant parasitiese nematodes (aalgwurms)	Met plant: Breedwerpige toediening: 55 l/ha Crop Guard 80 in minstens 500 l water Opvolg bespuiting: 28 l/ha Crop Guard 80 in minstens 500 l water 2 tot 3 weke na die eerste toediening	<i>Grondtoediening</i> • Dien toe op 'n goed voorbereide land wat besproei is tot 70% veld kapasiteit. • Besproei dadelik na toediening met minstens 10 mm water. of • Werk in tot 'n diepte van 10 cm direk na toediening en besproei dan met minstens 5 mm water. • Plant in behandelde saadbed 48 uur na toediening. Notas: • Die land moet besproei word tot 70% veld kapasiteit voor die toediening van Crop Guard 80. • Twee opvolg toedienings van 28 l/ha Crop Guard 80 elke 2 tot 3 weke word aanbeveel. Die 2-weeklikse toedienings word aanbeveel indien nematode druk hoog is, die land 'n geskiedenis van hoë nematode druk het of besmette plant material (wortels) van die vorige seisoen in die land voorkom. • In gevalle van hoë nematode druk moet die grong eers berook word met 'n geregistreerde berokingsmiddel en daarna kan aanvullende Crop Guard 80 behandelings gedoen word. Enige vatbare opvolg gewas wat na tabak geplant word, moet beskerm word teen nematodes. • Plant slegs saailinge wat vry is van nematodes. • Verwys na 'Verenigbaarheid' en 'Produkt-eienskappe en Gebruiksbeperkings'.

Wingerd

GEWAS/PLAAG	DOSIS	OPMERKINGS
Wingerd Plant parasitiese nematodes (Aalwurms)	1 toediening van 5.5 ml/m² opgevolg deur 2 toedienings van 2.75 ml/m² elke 2 tot 3 weke	Breedwerpige toediening of Drip/Mikro besproeiing • Berei voor die tyd 'n 10 % Crop Guard 80 mengsel voor. • Dien toe op boord wat vooraf besproei is tot ten minste 70% veldkapasiteit. • Volg toediening dadelik op met ten minste 10 mm besproeiing. Area wat behandel moet word (m²) • Behandel die oppervlakte onder die blaardak as 'n algehele grondbespuiting of die area gedek deur die drip- of mikro besproeiing stelsel. Notas: • Behandeling moet gedurende die nuwe wortel groei periode in die lente en die herfs gedoen word. • In gevalle van hoë nematode druk kan 'n verdere toediening gedurende die nuwe wortelgroei periode in die somer gedoen word. • Indien Crop Guard 80 deur die besproeiing stelsel toegedien word, sal dit slegs die nematodes beheer in die areas waar die besproeiingstelsel bykom. • Verwys na 'Verenigbaarheid' en 'Produk eienskappe en gebruikse beperkings'.

Steenvrugte

GEWAS/PLAAG	DOSIS	OPMERKINGS
Steenvrugte Plant parasitiese nematodes (Aalwurms)	1 toediening van 5.5 ml/m² opgevolg deur 2 toedienings van 2.75 ml/m² elke 2 tot 3 weke	Breedwerpige toediening of Drip/Mikro besproeiing • Berei voor die tyd 'n 10 % Crop Guard 80 mengsel voor. • Dien toe op boord wat vooraf besproei is tot ten minste 70% veldkapasiteit. • Volg toediening dadelik op met ten minste 10 mm besproeiing. Area wat behandel moet word (m²) • Behandel die oppervlakte onder die blaardak as 'n algehele grondbespuiting of die area gedek deur die drip- of mikro besproeiing stelsel. Notas: • Behandeling moet gedurende die nuwe wortel groei periode in die lente en die herfs gedoen word. • In gevalle van hoë nematode druk kan 'n verdere toediening gedurende die nuwe wortelgroei periode in die somer gedoen word. • Indien Crop Guard 80 deur die besproeiing stelsel toegedien word, sal dit slegs die nematodes beheer in die areas waar die besproeiingstelsel bykom. • Verwys na 'Verenigbaarheid' en 'Produk eienskappe en gebruikse beperkings'.

Appels

GEWAS/PLAAG	DOSIS	OPMERKINGS
Appels Plant parasitiese nematodes (Aalwurms)	1 toediening van 5.5 ml/m² opgevolg deur 2 toedienings van 2.75 ml/m² elke 2 tot 3 weke	Breedwerpige toediening of Drip/Mikro besproeiing • Berei voor die tyd 'n 10 % Crop Guard 80 mengsel voor. • Dien toe op boord wat vooraf besproei is tot ten minste 70% veldkapasiteit. • Volg toediening dadelik op met ten minste 10 mm besproeiing. Area wat behandel moet word (m²) • Behandel die oppervlakte onder die blaardak as 'n algehele grondbespuiting of die area gedek deur die drip- of mikro besproeiing stelsel. Notas: • Behandeling moet gedurende die nuwe wortel groei periode in die lente en die herfs gedoen word. • In gevalle van hoë nematode druk kan 'n verdere toediening gedurende die nuwe wortelgroei periode in die somer gedoen word. • Indien Crop Guard 80 deur die besproeiing stelsel toegedien word, sal dit slegs die nematodes beheer in die areas waar die besproeiingstelsel bykom. • Verwys na 'Verenigbaarheid' en 'Produk eienskappe en gebruiks beperkings'.

Hops

GEWAS/PLAAG	DOSIS	OPMERKINGS
Hops Plant parasitiese nematodes (Aalwurms)	1 toediening van 5.5 ml/m² opgevolg deur 2 toedienings van 2.75 ml/m² elke 2 tot 3 weke	Breedwerpige toediening of Drip/Mikro besproeiing - Berei voor die tyd 'n 10 % Crop Guard 80 mengsel voor. - Dien toe op boord wat vooraf besproei is tot ten minste 70% veldkapasiteit. - Volg toediening dadelik op met ten minste 10 mm besproeiing. Area wat behandel moet word (m²) - Behandel die oppervlakte onder die blaardak as 'n algehele grondbespuiting of die area gedek deur die drip- of mikro besproeiing stelsel. Notas: - Behandeling moet gedurende die nuwe wortel groei periode in die lente en die herfs gedoen word. - In gevalle van hoë nematode druk kan 'n verdere toediening gedurende die nuwe wortelgroei periode in die somer gedoen word. - Indien Crop Guard 80 deur die besproeiing stelsel toegedien word, sal dit slegs die nematodes beheer in die areas waar die besproeiingstelsel bykom. - Verwys na 'Verenigbaarheid' en 'Produk eienskappe en gebruikse beperkings'.