RESTRICTED USE

DESCRIPTION OF THE PRODUCT
NEMASOL is a soil disinfectant which gives control of fungi and nematodes prior to crop seeding or planting. When it comes into contact with soil, metam sodium decomposes into methyl isothiocyanate, a gas which is the active substance. Metam Sodium acts after application, decomposes and does not damage or leave residue in the planted field.

DIRECTION FOR USE
NEMASOL is a water miscible soil fungicide and is applied by drenching infected soils. Do not apply NEMASOL when soil temperature are below 10°C. For optimal efficacy, apply when soil temperatures are between 10°C and 25°C. Sub-optimal efficacy of NEMASOL may occur on turf soils due to insufficient water penetration and soils with high organic matter content (high absorption coefficients).

Pre-treatment preparations: Prepare the surface to be treated up to a depth of 40-50 cm and remove undecayed organic matter. Bring soil moisture to field capacity and at least 14 days before application and keep the soil moist up to application time.

Post- treatment procedure: To prevent excessive evaporation, seal treated areas with either follow-up irrigation or plastic sheet. Aerate the treated area thoroughly, 2-3 weeks after application by cultivating the soil. Lower soil temperatures (less than 16°C) and soils with clay and organic matter content will retain more NEMASOL and therefore require a longer waiting period.

ENSURE THE TREATED AREA IS READY FOR USE BY CONDUCTING GERMINATION TEST.

Application: Recommended amount of NEMASOL should be applied to ensure uniform distribution after the full area to be treated (see methods of application).

RATES OF APPLICATION

<table>
<thead>
<tr>
<th>SOIL PATHOGENS</th>
<th>PESTS</th>
<th>RATE (ml/100 L)</th>
<th>RATE (L/HA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fusarium, Pythium, Rhizoctonia, Pyrenochaeta, Sclerotium spp.</td>
<td>13-18</td>
<td>650-900</td>
<td></td>
</tr>
<tr>
<td>Meloidogyne spp., Pratylenchus spp., Trichodorus spp.</td>
<td>13-18</td>
<td>650-900</td>
<td></td>
</tr>
</tbody>
</table>

Re-entry Period: 48 hours.

USE LIMITATIONS
Do not treat within 5 m of existing trees and field crops.

METHODS OF APPLICATION

1. SPRINKLER SYSTEM
Inject required amount of NEMASOL into the system via a tank mix. Application should be directly from the hydrant using a non-return valve. Ensure injection of NEMASOL occurs over the full irrigation period. Only apply under conditions that ensure even distribution over treated areas. Careful supervision is essential. Keep treated area moist by applying follow-up irrigation for 1 week after treatment. On light soils (~25% clay) when surface sealing with follow-up irrigation is difficult to control and sub-optimal efficacy may result, the use of plastic sheeting is recommended. See post application procedure.

2. SEEDBEDS
Seedbeds and small surfaces can best be treated by means of watering can. Make seedbeds prior to treatment. Drench the soil thoroughly using one litre of NEMASOL in minimum of 10 litres of water per 10 square meters. Preferably treat the total area to minimise contamination from untreated areas. Adhere strictly to directions for use on soil preparation.

To obtain optimum efficacy, the treated area surface must be sealed to prevent the gas from escaping either by Drench with further irrigation (4-5 mm water/ha). Keep area moist with follow-up irrigation for 1 week after treatment. Cover with a plastic sheet. The cover need not be tained. Remove cover after 3 days.

3. PLANTING HOLE TREATMENT
Prepare a damb round planting hole (approx. 2m x 2m) with a wall of 10cm in height. Half fill the dam with water and then apply NEMASOL at the rate of 100ml per square meter over the surface. Fill up immediately to full capacity with water. (see post application procedure)

4. GROWING MEDIA AND POTTING SOIL
Media should be moistened with NEMASOL solution using a watering can whilst mixing continuously. The use of a cement mixer is ideal for this purpose. Cover treated soil with a plastic sheet to prevent gases from escape. Remove cover after 3 days.

WATER PERIOD
In temperature conditions, a safety period of 10-14 days is allowed as in low temperature conditions a safety of 3-4 weeks should be allowed.

HAZARDS
- Harmful by ingestion.
- Consumption of alcohol increases toxic effect.
- Corrosive liquid, harmful by dermal and oral uptake.
- The product is toxic to aquatic organisms.

HANDLING PRECAUTIONS
- Handle and open container with care.
- Do not breathe vapour spray.
- Do not smoke, drink or eat while using this product.
- Wear eye/face protection. The liquid can damage your eyes.
- Do not inhale. Wear a mask covering nose and mouth. Wear rubber gloves and boots. The liquid can irritate your skin.
- Use respirator when working in a confined area. Ventilate confined areas thoroughly during use.

Safety after work: Wash yourself thoroughly and wash your work clothes. Do not enter toxic to fish and other aquatic organisms and there is no signs of fumes being emitted.

When applying: Do not apply in glass houses with crops, or where fumes may penetrate adjoining premises with growing plants.

STORAGE
Store in original, tightly closed container away from children, food, drinks and livestock feedstuffs. Store in a cool, dry and well ventilated area under lock and key. Metam sodium is a combustible liquid. Avoid exposure to direct sunlight. Do not smoke nor store the product above 35°C. When heated, metam sodium decomposes to give toxic and flammable fumes. The product crystallises at lower temperatures.

DISPOSAL
- This material and/or its container must be disposed of as hazardous waste.
- Do not discharge into drains or the environment; dispose to an authorized waste collection point or only in special, controlled high temperature incinerators.

SPILLAGE AND LEAKAGE
- Wear protective clothing consisting of air-supplied respirators, impervious clothing and safety goggles when dealing with spillages and leakages. Adequate ventilation is also required. Remove contaminated soil layer and dispose off in a safe place away from water sources.

- Spillage: Soak up with sand, sawdust, soil or binding agent, collect the contaminated material thoroughly and dispose of it in a safe place or put it in a waste bin or plastic bag, mark it and dispose off on a landfill site approved for pesticides, clean spilled area with plenty of water. Spilt product must not be re-used. Keep out of drums and water sources.

ENVIRONMENT AND WILDLIFE
- Do not contaminate water supplies by disposal of product waste. Keep livestock out of treated areas for at least 21 days after removal of the sealing material in the field.

FIRST AID INSTRUCTIONS
- In case of eye contact: Flush the eyes with running water for at least 15 minutes while holding eyelids open to help flush out material. Contact a physician immediately.
- In case of skin contact: Wash contaminated skin with soap and plenty of water. Remove contaminated clothing. In case of skin irritation persists, contact a physician immediately.
- In case of inhalation: Remove patient from contaminated area and place the patient in a well-ventilated area and give artificial respiration. Keep warm and at rest.
- Contact a doctor.
- In case of ingestion: Immediately dilute the swallowed product by giving large quantities of water. But DO NOT INDUCE VOMITING. If vomiting occurs, give fluids again. Never give anything by mouth to an unconscious person. Contact a physician immediately.

TOXICOLOGICAL INFORMATION

Symptoms of poisoning: Abdominal cramps, vomiting, nausea and local mucosal irritation.

Antidote: - No specific antidote is known. Apply symptomatic therapy.

Notes to the Physician: - Incase of ingestion, induce vomiting, perform gastric lavage and administer saline purgatives; contra-indications do not give alcohol. Treat symptomatically.

In case of poisoning, call Toll free Nos: 0800720201 and 0800730030 (24hrs)

NOTICE TO USER
- This product control product is to be used only in accordance with the directions on this label. It is an off-salt under the Pest Control Products Act to use or store a pest control product under unsafe conditions.

WARRANTY
- Seller's guarantee is limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.
Nemasol
Water miscible liquid

A soil fumigant for the control of soil fungi and nematodes in agricultural soils and seedbeds
(Dawa ya mvuke ya kunyunyizia mchangani kwa kuzuia vimelea/ukungu, viwavi katika ardhi ya kilimo na bustani za mbegu.

RESTRICTED CLASS (KUNDI LILLOWEKEWA VIKWAZO)

REGISTRATION NO.
(NAMBARI YA USAJILI): PCRBS(CR) 0357

GUARANTEE: METAM SODIUM 510gm/L
(DHAMANA)

KEEP LOCKED AND OUT OF REACH OF CHILDREN (WEKA MBALI NA WATOTO)

SHELF LIFE: 2 years from date of manufacture if stored in its original, unopened container stored in a cool dry well ventilated place.

(MAISHA RAFUNI: Miaka miwili baada ya tarehe ya kutengenezwa ikihifadhiwa kwenyе chombo chake asili kisichofunguliwa na kilichowekwa pahali pakavu na penye baridi).

Danger/Sumu

In case of poisoning, call Toil free Nos: 0800720021 and 0800730030 (24hrs)
(Wakati wa kusumika, piga simu bila malipo)

NET CONTENT /KIASI: 60 LITRES (Lita 60)

DISTRIBUTOR (MSAMBASAJI) IN KENYA:-
TWIGA CHEMICAL INDUSTRIES LTD
P O BOX 30172-00100, GPO NAIROBI - KENYA
TEL: +254(020)- 3942000
FAX: +254(020)- 3942405

MANUFACTURER
(MTENGENEZAJI)
TAMINCO NV
Pantserschipstraat 207
9000 Ghent - Belgium

MEMBER OF
AGROCHEMICALS
ASSOCIATION OF KENYA
REGISTRATION NUMBER 163

DATE OF MANUFACTURE
(TAREHE YA KUTENGEZWA)

BATCH NO:
(NAMBARI
YA KUFURUSHI)

EXPIRY DATE
(TUMBA KABLA YA)

Flammable / Yaweza kuwaka
Corrosive /Kinaweza kuchoma
Toxic if inhaled
Very toxic to aquatic life

TOXIC
(HATARI)
MATUMIZI KWA MASHARTI
NEMASOL ni dawa ya muke ya kunya mchezaji wa mchezaji wa Kigeni. Matem Sodam asiitjana kazi haraka baada ya kutumia na hatwachwa mabasi mchungaji. Ingawazia na mchanga ambao unyuvi uhuvi kina na habia, kwa Mthuthotho ndani ya sumu ya ndani ya habia, kwa Mthuthu karibu dawa kwa mhe. dawu.

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KISHA ENEO LILILOEWEKA MATUMIZI KWA KUFANYA MAJARIBU
Matumizi: Kigacho kiwengwa kwilizake ni kubali kima enwe ene lita hele kwa dawa (angalia upande huu). KIWIUO CHAA KAMA MATUMIZI KIMELEA WADUDU KWEKWE

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Muda kabla ya kuingia: massa 48

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  - Lowesha na maki ya zaidi ya kunyunyizaji moja ni miliita 4-5
  - Fusa kutubu eneo lote ili kupunguzia uambikazaji kutoka kunyunyizaji sehenu ambazo hazikubwisha.
  - Funkita kwa chandaraya na plastiki kwa wili moja kama hema. Ondoka mfuuko.

3. TIBA KWENYE SHIMO LA UAPANI
Jenga kidimbwe kuzunguka shimo (tubu mite mbili mraba) kikicho na ukuta jaze kidimbwe kufikia nusu kwa muki, na kisha weka kwilico ni mililita 100 kwa miliita mba, chama ya dawa juu ya maki. Baada ya kijaze kidimbwe kwa muki maki. Angalia sehenu ya utaratibu baada ya matumizi.

4. SAKAFU YA KUMELEA NA UDONGO WAKUPANDIA KWENYE VYUNGU

KIPINDI CHAA KUNGJOEA
Katika hali ya pia la juu, kipindi salama chake siuka 10 kine. Katika zaidi hali ya pola la chini, kipindi salama cha kikazi 3 hodari 4 kine.

TAHADHARI WAKATI NA MATUMIZI

KISHA ENEO LILILOEWEKA NA MATUMIZI KWA KUFANYA MAJARIBU
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