

HARVEST OXAMYL 310 SL

Distributed by: Harvest Chemicals
Registration Holder/Registrasiehouer Harvest Crop Solutions (Pty)Ltd.
Reg.No. 2014/187205/07
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HARVEST
CHEMICALS



This water soluble concentrate is used to protect against groundnut pod nematode in groundnuts; nematodes and root knot nematodes in potatoes and tomatoes and to suppress aphids on potatoes.

Hierdie water oplosbare konsentraat word gebruik om te beskerm teen grondboonpeulaalwurm in grondbone, nematodes en knopwortelaalwurm in aartappels en tamaties en plantluise op aartappels te onderdruk.

Batch No	Reg. No. L 10333, Act No 36 of 1947.	UN No.	Reg Nr. L 10333, Wet Nr. 36 van 1947.	Lot Nr
<input type="text"/>	INSECTICIDE GROUP CODE	1A	INSEKTEDODER GROEPKODE	<input type="text"/>
Date of manufacture	Active Ingredient: Oxamyl (carbamate)	310g/l	AktieweBestandeel: Oksamil (karbamaat)	Vervaardigings-datum
<input type="text"/>	Nett Volume	5l	Netto Volume	<input type="text"/>



WARNINGS

Allow for the following number of days between last application and harvest:

Groundnuts - 80 days Potatoes - 40 days Tomatoes - 21 days

- If ingested, IMMEDIATELY CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM/HER.
- If swallowed, inhaled or by skin contact, this product can result in poisoning. Skin and eye irritation can result.
- Toxic to wildlife, bees and fish.
- Handle with extreme care.
- Store under lock and key in a cool place.
- Store out of the reach of children, uninformed persons and animals.
- Do not store near food and feedstuff.
- RE-ENTRY: Do not enter the treated area within 2 days unless wearing the protective clothing.
- Do not apply by aircraft.

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 affected 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 against the remedy concerned as well as by method, time and accuracy of application. The registration holder furthermore does not accept responsibility from damage to crops, vegetation, the environment, or harm to man or animal or for 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 be foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Do not inhale spray mist or fumes.
- Wear full protective clothing (overalls, rubber gloves, rubber boots, face mask,) when handling the concentrate and applying.
- Immediately wash contaminated clothes after use.
- After use or accidental skin contact, immediately wash thoroughly with soap and water.
- Do not eat, drink or smoke when handling this product.
- Prevent contamination of foods, feeds, eating utensils and drinking water.
- Prevent spray drift onto crops, grazing, rivers, dams and areas not under treatment.
- Ensure that the applicator is cleaned after use. Wash water must be disposed of where it cannot contaminate crops, grazing, rivers and dams.
- Empty containers must be rinsed 3 times with a volume of water equal to a minimum of 10% of the container volume. The rinsing water should be added to the contents of the spray tank before destroying the container.
- Empty containers must not be used for any other purposes. SYMPTOMS OF HUMAN POISONING:

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Faintness, giddiness, headache, excessive sweating, fatigue, nausea, abdominal pains, muscle twitches, respiratory distress, very small pupils, blurred vision and coma.

FIRST AID AND TREATMENT

- Remove patient from source of poisoning to a well-ventilated, cool area. Try to keep the patient reassured and quiet.
- All contaminated clothing must be removed and the contaminated body area properly washed with plenty of clean, soapy water.
- Do not rub hard on the area of affected skin.
- If eyes are contaminated rinse the eyes out with clean water for at least 15 minutes.
- If swallowed induce vomiting by drinking 1-2 glasses of water and then tickle the back part of the throat. Keep doing this until vomit is clear and no longer has the poison odour.
- If not breathing, give the patient artificial respiration. Mouth to mouth resuscitation is not advised.
- An unconscious person should not be given anything by mouth.
- **Get the patient to nearest physician immediately.**

NOTE TO PHYSICIAN

Atropine sulphate must be administered intravenously (1.2-2.0mg/adult) every 10-30 minutes until signs of atropinisation (dry flushed skin and tachycardia) appear. Atropinisation must be maintained until patient recovers. Pralidoxime (2-PAM, Protopam) and other oximes are contra indicated for **HARVEST OXAMYL 310 SL** exposure alone. However, for exposure to **HARVEST OXAMYL 310 SL** and organophosphorous insecticides, 2-PAM may be used as required to supplement the atropine sulphate treatment. Morphine should not be used.

DE-ACTIVATION OF HARVEST OXAMYL 310 SL SOLUTION

Add 2.5 kg of sodium carbonate per 100ℓ **HARVEST OXAMYL 310 SL** spray mix still in the tank, in order to deactivate excess oxamyl after use.

RESISTANCE WARNING

For resistance management, **HARVEST OXAMYL 310 SL** is a group code 1A insecticide. Any insect or nematode population may contain individuals naturally resistant to **HARVEST OXAMYL 310 SL** and other group code 1A insecticides. The resistant individuals can eventually dominate the insect or nematode population if these insecticides are used repeatedly. These resistant insects or nematodes may not be controlled by **HARVEST OXAMYL 310 SL** or any other group code 1A insecticide.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes.
 - Integrate other control methods (chemical, cultural, biological) into insect or nematode control programmes.
- For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

Use **HARVEST OXAMYL 310 SL** in water with a pH of 5-6 for optimum results. Water with a pH of higher than 7 should be buffered to pH 5-6.

Do not use acetic acid buffers.

Do not add an adjuvant to the spray mixture.

Optimal systemic activity of **HARVEST OXAMYL 310 SL** depends on translocation of the active ingredient inside the treated plant. Efficacy may be reduced when stress factors such as drought effect translocation.

Crop / Pest	Dosage	Remarks
GROUNDNUTS: Groundnut pod nematode (<i>Ditylenchus destructor</i>)	1.2ℓ per 100ℓ water	Apply in a minimum of 250ℓ spray solution per ha as a foliar spray, at the commencement of peg formation (e.g. for the variety Sellie this is approximately 60 days after planting). Ensure thorough wetting of the foliage.
POTATOES: Root knot nematode (<i>Meloidogyne</i> species) and the suppression of aphids	800mℓ per 100ℓ water	A registered fumigant should be used to fumigate the soil before planting. One week after crop emergence apply 250ℓ spray solution per ha. After 4 weeks repeat at a rate of 600ℓ spray mix per ha. Application of a further 600ℓ spray solution per ha must be made 3-4 weeks after second spray if infestation is heavy. Potatoes should be harvested within 40 days of the last treatment to avoid nematode re-infestation
TOMATOES: Root knot nematode (<i>Meloidogyne species</i>)	<p>Seedbed: ** 40mℓ per 10ℓ water</p> <p>Seed trays: ** 40mℓ per 10ℓ water</p> <p>After transplanting: 800mℓ per 100ℓ water</p>	<p>** A registered fumigant should be used to fumigate the soil before planting.</p> <p>The full recommended programme should be implemented to ensure effective protection against nematode infestation.</p> <p>Seedbeds must be drenched 24-48 hours prior to transplanting with 2ℓ of the solution per m2 of the seedbed surface.</p> <p>24-48 Hours prior to transplanting spray seedlings with 0.5ℓ of the spray solution per m2 of the total seed tray surface.</p> <p>250ℓ per ha of spray solution must be applied as a foliar application 2 weeks after transplanting. After 3 weeks repeat with 500ℓ spray solution per ha.</p>