

Read the label before opening the container.

For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

TERBUFOS 150 GR

South Africa Reg. No: L8119 Act No. 36 of 1947

IRAC INSECTICIDE GROUP CODE: 1

A contact and systemic granular insecticide for the control of pests as indicated.

ACTIVE INGREDIENT:

Terbufos (organophosphate).....150g/kg

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

HAZARD STATEMENTS

- Fatal if swallowed
- Fatal in contact with skin
- Suspected of causing cancer
- Very toxic to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

- Wash hands, forearms, and face thoroughly after handling.
- Avoid release to the environment.



enviro
bio-chem

Registration holder: Erintrade CC t/a RT Chemicals

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Expiry Date:

Batch No:

Date of Manufacture:

UN No. 2783

WARNINGS:

Withholding Periods - This is the minimum period between application at planting and harvest and/or feeding.

Potatoes	90 days
Dry Beans	60 days
Green Maize	60 days
Sorghum (grain)	80 days

Do not allow livestock to graze treated crops at any time.

- Fatal if swallowed.
- Fatal in contact with skin.
- Suspected of causing cancer.
- Very toxic to aquatic life with long lasting effects.
- Toxic to fish, wildlife and birds.
- Store under lock and key in the original container in a cool place.
- Store away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- Do not use TERBUFOS 150 GR as a seed dressing.
- Use rubber gloves and boots when handling soil and/or irrigating within 30 days after treatment.
- **Re-entry Period:** Do not enter the treated field within 2 days after application unless wearing protective clothing.

In case of poisoning call a doctor immediately and show him/her this label.

Although this insecticide 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 against the remedy concerned as well as by the method, time and accuracy of the application. The registration holder furthermore does not accept responsibility for 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 have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS:

- Do not handle until all safety precautions have been read and understood.
- Wash hands, forearms, and face thoroughly after handling.
- Do not eat, drink, or smoke when using this product.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.
- IF exposed or concerned: Get medical advice/attention.
- Remove/Take off immediately all contaminated clothing.
- Wash contaminated clothing before reuse.
- Store locked up.
- Collect spillage.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

- Prevent contamination onto other crops, grazing, rivers, dams or areas not under treatment.
- Wash equipment after use.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

RELEVANT SUBSTANCES:

Terbufos 17.6%

Benzaldehyde < 3%

Attapulgite < 80%

SYMPTOMS OF POISONING:

Headache, fatigue, faintness, giddiness, excessive sweating, nausea, abdominal pains, vomiting, diarrhoea, tightness of the chest, anxiety, blurred vision, muscle twitching beginning in the eyelids and tongue, small pupils, respiratory distress, convulsions, coma.

FIRST AID TREATMENT:

General advice: If exposed or concerned, get medical advice.

INHALATION: Keep patient calm, remove to fresh air, and summon medical help.

INGESTION: Immediately call a POISON CENTER or doctor/physician.

EYE CONTACT: Rinse cautiously with water for several minutes.

SKIN CONTACT: Wash with plenty of soap and water.

NOTE TO PHYSICIAN:

Administer atropine sulphate, intravenously (1 to 4mg) every 5 to 10 minutes until signs of atropinisation (dry flushed skin, tachycardia, dilation of the pupils and pulse rate of over 120 per minutes) occur. In any severe or progressive case of poisoning, administer pralidoxime (2-PAM, Protopam chloride) according to label recommendations. (An average dose is 1g for an adult and up to 50mg/kg for children). Repeat oximes if necessary. Do not give morphine and similar drugs. Avoid aminoglycosides and succinylcholine. Phenothiazines, reserpine and theophylline are contra-indicated.

RESISTANCE WARNING:

For resistance management, **TERBUFOS 150** is a **group code 1B** insecticide. Any insect population may contain individuals naturally resistant to **TERBUFOS 150** and other **group code 1B** insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and consecutively. These resistant insects may not be controlled by **TERBUFOS 150** or any other **group code 1B** insecticides. To delay insecticide resistance:

- Avoid exclusive repeated and consecutive use of insecticides from the same insecticide group code.
- Alternate with products from different insecticide group codes.
- Integrate other control methods (chemical, cultural, biological) into insect control programs.

For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: Use only as directed.

Do not apply by hand. Use an accurately calibrated granular applicator mounted on a tractor. Set downpipes on planters at a sufficiently steep angle to ensure an even flow and distribution of granules.

Do not use this product as a seed dressing.

Row crops: Apply TERBUFOS 150 only at planting. Ensure that all granules are covered with soil. Do not allow the crop seed to come into contact with the granules. The best results will be obtained when the granules are applied to moist soil.

CROP / PEST	DOSAGE RATE	REMARKS
Dry Beans Black Maize Beetle	33g/100m plant furrow	Apply only at planting as a preventive treatment. Apply the TERBUFOS 150 granules by means of a granular applicator, mounted on a planter directly in front of the planter press wheel to give a band of not more than 5cm wide.
Astylus Beetle Larvae Wireworm False Wireworm	66g/100m plant furrow	Do not allow granules to come into direct contact with seed.
Maize Black Maize Beetle	33g/100m plant furrow	Apply only at planting as a preventive treatment. Apply the TERBUFOS 150 granules by means of a granular applicator, mounted on a planter directly in front of the planter press wheel to give band of not more than 5cm wide.
Astylus Beetle Larvae False Wireworm Wireworm	66g/100m plant furrow	
Potatoes Black Maize Beetle	66g/100m plant furrow	Apply only at planting as a preventive treatment. The seed potatoes must be covered with a 5 to 7cm layer of soil before applying TERBUFOS 150 granules in the furrow. Apply the granules in a band of approximately 15cm wide. Black maize beetle will only be controlled for a limited period. Control by means of a suitable insecticide may be necessary during the later growth stages of the potatoes.
Sorghum Black Maize Beetle	33g/100m plant furrow	Apply only at planting as a preventive treatment. Apply the TERBUFOS 150 granules by means of a granular applicator, mounted on a planter directly in front of the planter press wheel to give a band of not more than 5cm wide.