

Read the label before opening the container.

For full particulars, see enclosed leaflet.

# PARAQUAT 200



South Africa Reg. No: L 7650 Act No. 36 of 1947

An aqueous-soluble contact herbicide for the control of annual and perennial grasses and broadleaf weeds as well as for the fire paths, haulm destruction for potatoes, sugarcane desiccation and crops as listed.  
Inactivated on contact with soil.

HRAC HERBICIDE GROUP CODE: D

**ACTIVE INGREDIENT:**

Paraquat ion (bipyridyl).....200g/ℓ  
(as dichloride salt).....276g/ℓ

Product Information Tel no: 072 678 8226  
In case of poisoning: 082 446 8946

[www.envirobiochem.co.za](http://www.envirobiochem.co.za)

Expiry Date:  
Batch No:  
Date of Manufacture:

**UN No. 3016**

**enviro**  
bio-chem

**Registration holder:**  
Erintrade CC t/a RT Chemicals  
Reg. No: CK2001/036403/23  
44 Kerk Street, Lichtenburg  
North West, South Africa 2740  
Tel: +27 87 231 7261



TOXIC  
GIFTIG



## **WARNINGS:**

- Handle with care.
- Poisonous by contact, swallowing and inhalation.
- Keep livestock out of treated areas for 3 weeks.
- Store under lock and key in a cool place.
- Store away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry:** Do not enter treated area within 2 days after treatment unless wearing protective clothing.
- In case of poisoning call a doctor and show him/her this label.

**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 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 inhale spray mist.
- Wear protective clothing (overalls, face mask, rubber boots, gloves and respirator).
- Wash contaminated clothing daily.
- Change clothing daily.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Wash equipment after use.
- Dispose of wash water where it will not contaminate crops, grazing or rivers.
- Rinse 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 contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.

## **SYMPTOMS OF HUMAN POISONING:**

Vomiting, respiratory distress, tremor and general malaise, diarrhoea.

## **FIRST AID TREATMENT:**

<b>EYES:</b>	To remove splashes from eyes, wash out with copious amounts of water for 10 to 15 minutes. If relief is not obtained, consult an eye specialist.
<b>NAILS:</b>	Contact of the concentrate with base of the nails can result in disturbance of nail growth.
<b>INHALATION:</b>	Inhalation of spray mist may result in nose bleeding. These symptoms clear rapidly when exposure ceases.
<b>INGESTION:</b>	In case of ingestion, induce vomiting and let patient drink as much water as possible. Take patient to hospital for observation and treatment.

## **NOTE TO PHYSICIAN:**

Administer immediately up to 1ℓ of 15% aqueous suspension of Fuller's Earth plus a suitable purgative e.g Mannitol (20% aqueous solution) continue with the purgative until the stools contain absorbent. Hemodialysis or hemoperfusion may be necessary.

## **RESISTANCE WARNING:**

For resistance management **PARAQUAT 200** is a group code D herbicide. Any weed population may contain individuals naturally resistant to **PARAQUAT 200** and other group code D herbicides. The resistant individuals can eventually dominate the weed population if

these herbicides are used repeatedly. **PARAQUAT 200** or any other group code D herbicide may not control these resistant weeds.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicide group codes.
- Integrate other control methods (chemical, cultural, biological) into weed control programmes.

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

**DIRECTIONS FOR USE:** Use only as directed

Controls grasses and broadleaf weeds.

Use 3 to 5ℓ **PARAQUAT 200** diluted in 500 to 1 000ℓ water to ensure even distribution, depending on growth stage of weeds.

CROP/PEST	DOSAGE	REMARKS
Afforestation & Plantations	3 - 5ℓ/ha	Treat grasses and weeds between trees and avoid drift or spray onto new born trees.
Vineyards	2.5 - 5ℓ/ha	Apply overall when weeds are 10 to 15cm high before bud burst. Subsequently as direct spray.
Ornamental & Stale seedbeds	2 - 3ℓ/ha	Treat where necessary and avoid drift or spray onto other crops.
Deciduous fruit	2.5 - 5ℓ/ha	Spray as necessary from spring. Direct spray onto weeds below trees.
Citrus, Avocados, Pecans, Paw-paw & Mangoes	1.25 - 5ℓ/ha	Direct spray onto the weeds below trees.
Banana, Tea & coffee	1.25 - 2.5ℓ/ha	Apply, using low pressure floodjet nozzle. Use 200 to 500ℓ of water per hectare.
Vegetables grown in rows	1.25 - 2.5ℓ/ha	Shield vegetables from spray.
Weeds	3 - 5ℓ/ha	Product is ideal for low cost control of weeds on sidewalks, along hedges and on roadsides and kerbing for the control of numerous annual weeds. As it is detoxified on contact with the soil, it may be safely used to control weeds under and near trees and hedges, provided the bark or vegetation is not wet.
Grasses	3 - 5ℓ/ha	Most effective for annual grasses. More than one application will be required to control perennial grasses such as kweek and kikuyu. The product does not sterilize the soil and may be safely used along the bank of irrigation furrows. <b>PARAQUAT 200</b> may be used for the control of top growth of perennial grasses without giving complete root kill, so as to prevent erosion on road shoulders and other such areas.
Fire paths	3 - 5ℓ/ha	<b>PARAQUAT 200</b> can be used very successfully for fire paths as soon as the grasses start dying down in Autumn (April) by spraying on either side of the path. Burn grass as soon as practical. Burn inner strip beginning of winter, a fire path is formed according to your own needs.
Lucerne	2.5 - 5ℓ/ha	Lucerne over 6 months old. Apply just before dormancy breaks or after harvesting and before growth reoccurs. Controls emerged broadleaf weeds and grasses.

CROP/PEST	DOSAGE	REMARKS
Potatoes (Haulm destruction)	2.5 - 5ℓ/ha	Apply in 200 to 500ℓ water. Do not apply if haulms show signs of wilting as tuber damage may occur. Dosage depends on foliage density.
Sugarcane desiccation Aerial application	2 - 3ℓ/ha	Apply in 30ℓ water. Burn cane as soon as practical after treatment. Minimum time between last application and harvest or feeding is 21 days.