

Read the label before opening the container.

For Full particulars, see enclosed leaflet.

EnviroGUARD



South Africa Reg.No: L 7213 Act No. 36 of 1947

A soluble concentrate grass herbicide with long residual action for the control of annual and perennial grasses, as listed, in industrial areas, along rail tracks and on road shoulders, as well as for the control of Nasella-tussock (*Stipa trichotoma*)

HRAC HERBICIDE GROUP CODE: N

ACTIVE INGREDIENT:

Tetrapion (fluproponate)..... 745 g/ℓ

Product Information Tel no:

082 801 6759

In case of poisoning:

082 446 8946

www.enviro-crop.co.za

enviro

efficiency • quality • competitiveness

Batch No:

Date of Manufacture:

Registration holder:
Enviro Industries (Pty) Ltd t/a ENVIRO WEED CONTROL SYSTEMS,

Co. Reg. No. 1999/06138/07

10 Ninth Avenue, Industria, Kroonstad, 9500

Tel: 056 213 1967

14112002-10/12



CAUTION
VERSIGTIG



EnviroGUARD

Reg. No. L7213 Act/Wet No. 36 of/van 1947

A soluble concentrate grass herbicide with long residual action for the control of annual and perennial grasses, as listed, in industrial areas, along rail tracks and on road shoulders, as well as for the control of Nasella-tussock (*Stipa trichotoma*)

'n Oplosbare konsentraat grasonkruiddoder met lang nawerking vir die beheer van een- en meerjarige grassoorte, soos aangetoon, in nywerheidsgebiede, langs spoorbane en op padskouers, asook vir die beheer van Nasella polgras (*Stipa trichotoma*).

HRAC HERBICIDE GROUP CODE / HRAC ONKRUIDDODER GROEPKODE: N

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

Tetrapion (fluprofonate) / Tetrapion (flupropanaat).....745 g/l

Registration holder / Registrasiehouer:

Enviro Industries (Pty) Ltd t/a ENVIRO WEED CONTROL SYSTEMS,
Co. Reg. No. 1999/06138/07
10 Ninth Avenue / Negende Laan, Industria, Kroonstad, 9500 TEL: (056) 213 1967

WARNINGS

- Store in a cool place.
- Store away from food, feeds, seed and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Aerial Application: Inform all persons in the immediate vicinity of the area to be treated of your intention and issue the necessary warnings. Do not contaminate water and surrounding areas.

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 weed species 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

- Avoid contact with eyes. In case of contact, rinse eyes thoroughly with clean water.
- Do not inhale spray mist.
- Wash with soap and water after use.
- Avoid spray drift onto other crops, grazing, rivers, dams and any area not under treatment.
- Do not apply near desirable plants or trees, e.g. windbreaks and ornamental trees alongside roads, or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.
- Do not use on soil in which susceptible crops or any susceptible plants are to be grown in the foreseeable future.
- To avoid injury to desirable plants, spray equipment used for application must be thoroughly washed and rinsed.
- Dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Invert 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 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.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE WARNING

For resistance management **EnviroGUARD** is a group code **N** herbicide. Any weed population may contain individuals naturally resistant to **EnviroGUARD** and other group code **N** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **EnviroGUARD** or any other group code **N** 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.

GENERAL

- **EnviroGUARD** is a root absorbed grass killer with long residual action.
- On annual grasses it has to be applied prior to or during emergence of the seedlings and rain must occur within 14 days of application to carry the chemical into the soil for root absorption.
- On perennial grasses application must be made during the period of active growth and rain is also required to carry the chemical into the root zone.
- Effects on existing grasses are very slow to appear and up to 6 – 9 weeks may be required for maximum effect to become visible.
- The degree of control and duration of effect will depend on the dosage rate, rainfall and soil type.
- In the case of a dense growth of grasses, considerably better results will be obtained if these are removed prior to treatment.
- The efficacy of **EnviroGUARD** may be reduced by very hard water (>1 000 p.p.m solutes) and by water with a high pH value.
- When **EnviroGUARD** is used, the optimal efficacy thereof will be obtained in water of pH 4,5 – 5,5. Water of a higher or lower pH than 4,5 – 5,5 should be buffered to pH 4,5 – 5,5 by using curabuff.
- Where curabuff is used to adjust the pH of the water, the curabuff must be mixed with the total volume of water required for that particular tank mixture before adding the **EnviroGUARD**.
- Use the spray mixture without delay and do not allow to stand for prolonged periods.

MIXING AND APPLICATION

EnviroGUARD is non-volatile, non-corrosive and non-flammable

Ground application:

Dilute in water (500 – 1000 l water/ha) and apply evenly onto the soil.

Use the correct type of spray nozzle to give a flat, fan type spray pattern and accurately calibrate spray equipment prior to treatment to determine the quantity of water delivered/ha.

Aerial application:

EnviroGUARD may be applied by aircraft provided the spray mixture is distributed evenly over the target area and the loss of spray mixture during application is limited to a minimum.

The following requirements must be met to obtain the above:

- Use only conventional boom fitted with flat fan nozzles, e.g. SS 6515, or equal.
- Minimum spray volume of 40 l/ha.
- A minimum of 40 – 50 droplets per cm² must be recovered on the target area.
- Use a droplet spectrum with a VMD of 350 – 400 micron.
- Maintain flying height of 3 meters above the target area at wind speeds of 0 – 8 km/h and 2 meters at 8 – 15 km/h. Stop spraying when the wind speed exceeds 15 km/h.
- The difference between the wet and dry bulb reading as determined with a whirling hygrometer should not exceed 8°C.

- Obtain the assurance from the aerial spraying contractor that the above requirements will be adhered to and that the necessary data will be logged in the pilot's logbook.
- All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

APPLICATION RATES

WEEDS CONTROLLED	DOSAGE/ha	REMARKS
Annual grasses	7 ℓ	Apply during or just after germination in 500 ℓ water/ha.
Perennial grasses	9,5 ℓ	Apply during the active growth of the weeds in 500 – 1000 ℓ water/ha.
Nasella Tussock (<i>Stipa trichotoma</i>)	Ground application: 1,2 ℓ	Apply in 500 – 1000 ℓ water/ha
	Aerial Application: 1,4 ℓ	Apply in 40 ℓ water/ha

SOME GRASS SPECIES NORMALLY CONTROLLED

Annual grasses:

<i>Aristida congesta</i>	Tassel three-awn
<i>Chloris pycnothrix</i>	Spiderweb chloris
<i>Digitaria sanguinalis</i>	Crab fingergrass
<i>Eleusine indica</i>	Goosegrass
<i>Rhynchelytrum repens</i>	Natal red-top
<i>Setaria verticillata</i>	Sticky bristle grass
<i>Tragus racemosus</i>	Large carrot seed grass
<i>Urochloa panicoides</i>	Herringbone grass

Perennial grasses:

<i>Cynodon dactylon</i>	Common couch
<i>Eragrostis spp</i>	Teff
<i>Heteropogon contortus</i>	Common spear grass
<i>Hyparrhenia hirta</i>	Common thatching grass
<i>Panicum maximum</i>	Common buffalo grass
<i>Paspalum dilatatum</i>	Common paspalum
<i>Paspalum urvillei</i>	Tall paspalum
<i>Sorghum bicolor</i> subsp. <i>Arundinaceum</i>	Common wild sorghum
<i>Stipa trichotoma</i>	Nasella tussock
<i>Themeda trianda</i>	Red grass