

Read the label before opening the container.

For Full particulars, see enclosed leaflet.

PICLORAM



South Africa Reg.No: L 8299 Act No. 36 of 1947

A water soluble residual systemic herbicide taken up through the leaves, roots and cut surfaces of plants for the control of certain woody plants in grazing, conservation areas and on non-crop land.

HRAC HERBICIDE GROUP CODE: 0

ACTIVE INGREDIENT:

Picloram (Potassium salt) 240 g/l

Product Information Tel no: 082 801 6759
In case of poisoning: 082 446 8946

www.enviro-crop.co.za



Batch No:
Date of Manufacture:

Registration holder:
Erintrade cc t/a RT Chemicals
CK 2001/036403/23
10 Ninth Avenue, Industria, Kroonstad, 9500
Tel: 056 213 1967

27102009-09/12



CAUTION
VERSIGTIG



WARNINGS

- Handle with care.
- Poisonous when swallowed.
- May cause eye and skin irritation.
- Store in a cool place.
- Store away from food, feeds, seeds and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry Period:** Do not enter the treated field until the spray deposit has dried unless wearing protective clothing.

Although this herbicide 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 such factors 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 against the herbicide concerned as well as by the method, time and accuracy of 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 the event of any uncertainty.

PRECAUTIONS

- Do not inhale spray mist.
- Avoid contact with eyes. In the case of eye contact, flush eyes with clean water for at least 15 minutes.
- Wash with soap and water immediately after use and accidental skin contact.
- Wash contaminated clothing daily.
- Do not eat, drink or smoke whilst mixing and applying or before washing hands and face and change of clothing.
- Clean the applicator with a household ammonia solution (1%) before using with other products. Allow the solution to stand in the applicator for several hours, preferably overnight. Rinse the applicator at least twice with clean water. This applicator should be used only for applying herbicides. Dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- 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 contents of the spray tank before destroying the container by perforation and flattening and do not use the container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Do not use sprayed plants (grass, etc.) for compost purposes.
- Do not use the excretions of animals grazing in treated areas in compost or as fertilizer.

RESISTANCE WARNING

For resistance management, **PICLORAM** is a group code O herbicide. Any weed population may contain individuals naturally resistant to **PICLORAM** and other group code O herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **PICLORAM** or any other group code O herbicide.

To delay herbicide resistance:

- Avoid the 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.

USE RESTRICTIONS

PICLORAM is active as a foliar and root absorbed herbicide, it is persistent in the soil and active against broadleaf plants and certain growth stages of grass crops. Apply only as recommended and adhere to label directions for use. Prevent spray mist drift on to sensitive broadleaf crops such as tobacco, cotton, fruit trees, vines, ornamentals, soil containing roots of these plants, soil in which such crops/plants are to be grown, grain varieties in a susceptible stage of growth or grazing or any other area not under treatment. Do not allow spraymist or drift to contaminate any water source such as rivers, dams or irrigation water. Do not apply to areas adjacent to desirable broad-leaved crops/plants or areas in which such crops are to be grown or where grain varieties are in a susceptible growth stage unless precautions are taken to avoid any possible spray drift contamination.

The wind speed and direction at the time of application will determine the distance which must separate the closest edge of the area to be sprayed from susceptible crops:

WIND SPEED km/h	GROUND APPLICATION
1,5 - 5	200 m downwind 200 m crosswind 6 m upwind
5 - 10	400 m downwind 200 m crosswind 1,5 m upwind
10 - 15	800 m downwind 400 m crosswind 1,5 m upwind
Above 15	Do not spray

DIRECTIONS FOR USE: Use only as directed.

METHODS OF APPLICATION

Ground Application

Knapsack Application: Use a knapsack sprayer with a solid cone nozzle that will ensure an even coverage of the target area. Avoid fine droplets and drift to non-target areas. Spray at a constant pressure of between 200 to 250 kPa.

General

- Do not apply if rain is likely within 3 hours.
- Do not apply to wet (rain, dew) plant surfaces.
- Do not apply if wind velocity exceeds 15 km/h.
- The difference between the wet and dry bulb readings on a whirling hygrometer must not exceed 8 °C.

Cut Stump Treatment

- Apply to the fresh cut surface preferably immediately after felling but within 3 hours of felling.
- **PICLORAM** should not be applied to the cut stump if the surface is wet from rain or dew.
- Apply with a knapsack as a coarse spray using a solid cone nozzle (e.g. Spraying Systems TG-1, Delavan CE 1 or equivalent type) at a low pressure (e.g. 100 kPa).
- Do not exceed a spraying height of 20 cm above target cut stump.

- Do not apply if the wind velocity exceeds 15 km/h (as measured by handheld wind anemometer).
- The difference between the wet and dry bulb readings on a whirling hygrometer must not exceed 8 °C.
- Apply according to directions in the table below.

Frill Method

- Use an axe to make horizontal, downward angled cuts through the bark to penetrate but not go deeper than into the sapwood.
- Immediately apply **PICLORAM** into every cut, taking care that it is not wasted on the bark.
- Cuts should be connected and made around the entire circumference of the tree trunk as close to the soil surface as possible.
- Re-treat as necessary.

Warning: If topkill is obtained but regrowth occurs from the tree, apply **PICLORAM** as a foliar spray to the regrowth. If trees have multiple stems, treat each stem separately.

MIXING

Mix **PICLORAM** with water and add a wetter such as Booster Oil (Reg. No. L 6148) according to instructions for the different plants. Once the spray mixture has been well mixed, no further agitation is necessary.

RATES OF APPLICATION

Foliar Application – Ground Application

Apply as a full cover spray to the foliage of target plants.

Note: When using a knapsack for foliar application, a wetter such as Booster Oil should be added at a rate of 500 ml/100 l spray mix (0,5% mixture).

High Volume Application: Add a foaming agent at a rate of 500 ml/100 l of spray solution.

BUSH/SHRUB SPECIES	RATE/100 l WATER	REMARKS
Bluegum (<i>Eucalyptus grandis</i>)	1 l	See 'Note' on use of a wetter.
Bramble (<i>Rubus cuneifolius</i>)	440 ml	
Port Jackson (<i>Acacia saligna</i>)	1 l	
Sweet thorn (<i>Acacia karroo</i>)	350 ml	
Sickle bush (<i>Dichrostachys cinerea</i>)	350 ml	
Lantana (<i>Lantana camara</i>)	0,75 - 1 l	Use the higher rate for older plants and previously slashed plants with large stumps.

Cut Stump Application: See 'Directions for use' above.

BUSH/SHRUB SPECIES	RATE/100 ℓ WATER	REMARKS
Silver wattle (<i>Acacia dealbata</i>)	1,5 ℓ	Add 500 ml Booster Oil per 100 ℓ water. Cut stumps as close to the soil surface as possible – less than 15 cm high. Apply the solution to the entire cut surface of stumps under 10 cm diameter. Apply the solution to the cambium/bark area (sapwood) of large stumps. Apply to the point of run-off to cut surfaces. Apply as a spot spray to any foliar regrowth if necessary.
Black wattle (<i>Acacia mearnsii</i>)	1,5 ℓ	
Port Jackson (<i>Acacia saligna</i>)	2 ℓ	
Paraffin bush (<i>Chromolaena odorata</i>)	1 ℓ	
Bluegum (<i>Eucalyptus grandis</i>)	1,5 ℓ	
Lantana (<i>Lantana camara</i>)	1,5 ℓ	
Syringa (<i>Melia azedarach</i>)	2 ℓ	
Grey poplar (<i>Populus canescens</i>)	2 ℓ	
Bugweed (<i>Solanum mauritianum</i>)	1 ℓ	

Frill Application: See the 'Directions for use' above.

BUSH/SHRUB SPECIES	RATE/10ℓ WATER	REMARKS
Black wattle (<i>Acacia mearnsii</i>)	600 ml	Add 200 ml Booster Oil per 10 ℓ water.
Port Jackson (<i>Acacia saligna</i>)	200 ml	Add 200 ml Booster Oil per 10 ℓ water.
Bluegum (<i>Eucalyptus grandis</i>)	200 ml	Add 50 ml Booster Oil per 10 ℓ water.

PICLORAM controls trees and shrubs. Other trees and shrubs that were not present during the development trials with this product may also be controlled to a certain degree. The registration holder does not accept responsibility for treatment of unlisted trees and shrubs.

Booster Oil Reg. No. L6148, Act No. 36 of 1947.