

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Herbicide



BROMACIL 800 WP

Reg. No. L 4346 Act No. 36 of 1947
W 130867 / N-AR 1897

3: 17/01/2023 – Sept2023

A wettable powder herbicide with long residual action for use in citrus, pineapples, sisal, industrial areas and to control Black Thorn.

ACTIVE INGREDIENT

bromacil (uracil)

800 g/kg

GROUP

5

HERBICIDE



WARNING

Hazard Statements:

Harmful if swallowed.
Causes mild skin irritation.
Causes serious eye irritation.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Avoid release into the environment.
Do not eat, drink or smoke when using this product.

kg

villa



UN Number: 3077

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

P.O. Box 801, Kempton Park, 1620

Tel. (011) 396 2233

Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

BROMACIL 800 WP

Reg. No. L 4346 Act No. 36 of 1947

W 130867 / N-AR 1897

HRAC HERBICIDE GROUP CODE: 5

ACTIVE INGREDIENT:

bromacil (uracil)..... 800 g/kg

Registration holder:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

P.O. Box 801, KEMPTON PARK, 1620

Tel. (011) 396 2233

WARNINGS**Hazard statements**

Harmful if swallowed.
Causes mild skin irritation.
Causes serious eye irritation.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

- Toxic to bees and wildlife.
- Store in a cool place away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

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 weeds to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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**Precautionary statements:**

Wash hands and face thoroughly after handling. Do not touch eyes.
Do not eat, drink or smoke when using this product.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Get medical help.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Rinse mouth.
If skin irritation occurs: get medical help.
If eye irritation persists: get medical help.
Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Do not inhale the dust or spray mist.
- Wash with soap and water after use or accidental skin contact.
- Avoid spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean the applicator after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- Rinse the container three times with a volume of water equal to a quarter of that of the container. Puncture the triple rinsed container/bag and dispose of via an approved collector or recycler.

www.croplife.co.za. Do not bury, burn, or donate the container/bag to any other parties that may use it as a container for food or beverages.

- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Bromacil	800 g/kg
Polyoxyethylene lauryl ether	< 10 g/kg
Sodium dodecyl benzene sulfonate	< 10 g/kg

FIRST AID TREATMENT

- Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure and consult a doctor / poison control centre.
- **Inhalation:** Remove person from contaminated area to fresh air. If breathing has stopped, perform artificial respiration and administer oxygen. Avoid mouth-to-mouth resuscitation. Keep person warm and at rest.
- **Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. Obtain medical attention if irritation persists / person feels unwell.
- **Eyes:** Flush eyes with clean water. Lift eyelids to facilitate irrigation. If present, remove contact lenses and continue rinsing. Seek medical attention if irritation persists.
- **Ingestion:** Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water. Establish and maintain airway. Treat respiratory difficulty with artificial respiration and oxygen. Qualified medical personnel should perform administration of gastric lavage or oxygen. **Seek medical advice immediately.**

RESISTANCE WARNING

BROMACIL 800 WP is a group code 5 herbicide. Any weed population may contain individuals naturally resistant to **BROMACIL 800 WP** and other group code 5 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **BROMACIL 800 WP** or any other group code 5 herbicide.

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.

MODE OF ACTION

BROMACIL 800 WP is an herbicide absorbed mainly through the roots, with slight absorption through the leaves and stem. The active ingredient, **Bromacil** is a photosynthetic electron transport inhibitor at the photosystem II receptor site.

USE RESTRICTIONS

- Do not apply near desirable plants or trees (such as windbreaks in citrus orchards and ornamental trees along roads and streets) or on areas, where the roots may extend, or in locations where the chemical may be washed or moved into contact with the roots.
- Do not use on soil where susceptible crops or any susceptible plants are to be grown in the foreseeable future.

DIRECTIONS FOR USE: Use only as directed.

- Use a sprayer, which will distribute the required amount evenly over the area to be treated.
- Use a coarse spray to reduce drift.
- Best control will be obtained when weeds are short or when excess growth is mowed and removed before application.
- Best results will be obtained if applied shortly before or at the time when the weeds are growing actively.
- Rain or thorough watering after application will cause the material to move to the root zone, where it is taken up and thus speed up control.
- The effectiveness and length of time that control will last will depend on the type of soil, amount of rain and other conditions.
- Adequate agitation of the mixture is essential.

APPLICATION RATES

Crop / Soil type	Dosage per ha	Remarks
<u>Pineapples</u> Directly after planting and onto established plantations.		
< 10 % clay	1.5 kg	Apply as a full cover application on cleanly cultivated soil. Perennial broad-leaved weeds and grasses are not controlled at these rates. Apply as an overall surface spray directly after planting, before active growth takes place, using at least 1000 litres water per hectare. Well-established plantations may also be treated.
10 to 15 % clay	2.0 kg	
15 to 20 % clay	2.5 kg	
20 to 35 % clay	3.0 kg	
<u>Citrus</u> Established trees older than two (2) years only.		
< 10 % clay	3 kg	Use on cleanly cultivated soil or on actively growing weeds in a young stage. Two applications at half rate with 6 to 12 weeks interval, usually give better results, than one (1) application. Apply to moist soil using at least 1000 litres water per hectare. When spot spraying (<i>Cynodon dactylon</i>), spray to the point of run-off. Treated trees must not receive soil applications of Dimethoate insecticides. Do not apply BROMACIL 800 WP within 12 months after a soil application of Dimethoate .
10 to 15 % clay	4 kg	
15 to 20 % clay	5 kg	
20 to 35 % clay	6 kg	
35 to 55 % clay	8 kg	
<u>Sisal</u> Established plants		
< 10 % clay	3 kg	Use on cleanly cultivated soil or on actively growing weeds in a young stage. When only the rows are treated, the rates of application should be decreased accordingly.
10 to 15 % clay	4 kg	
15 to 20 % clay	5 kg	
20 to 35 % clay	6 kg	
35 to 55 % clay	8 kg	
<u>Control of Black Thorn</u> < 15 % clay	1.5 g per tree	Mix 500 g in sufficient water to moisten a quantity of sand; with which 330 trees can be treated (500 g of sand per tree is considered a convenient quantity). Thoroughly mix the water suspension with the measured quantity of sand and use 500 g of treated sand per tree. The sand should not be spread out but applied on the ground a single heap. In this way 1.5 g of the product is applied per tree. Treated camps may be grazed immediately. These camps should not however be planted with other plants for at least three (3) years after treatment.
<u>Industrial areas</u> Railroads, Road shoulders, etc.		
< 20 % clay	8 to 10 kg	Use the higher rate where existing weeds are treated. Where dense growth of weeds occurs, a suitable contact herbicide must be included in the spray.
20 to 35 % clay	10 to 12 kg	
> 35 % clay	12 to 15 kg	
Ash	15 kg	

WEED SPECIES NORMALLY CONTROLLED BY BROMACIL 800 WP:	
<i>Acacia melifera</i> subsp. <i>detinens</i>	Black thorn
<i>Acanthospermum hispidum</i>	Upright starbur
<i>Amaranthus hybridus</i>	Cape pigweed
<i>Aristida congesta</i>	Tassel three-awn
<i>Brachiaria eruciformis</i>	Sweet signal grass
<i>Chloris radiata</i>	Spiderweb chloris
<i>Cynodon dactylon</i>	Common quick grass
<i>Cyperus esculentus</i>	Yellow nutsedge
<i>Cyperus rotundus</i>	Purple nutsedge
<i>Digitaria sanguinalis</i>	Crabfinger-grass
<i>Eleusine indica</i>	Goose grass
<i>Hyparrhenia hirta</i>	Common thatching grass
<i>Panicum schinzii</i>	Sweet buffalo grass
<i>Pennisetum clandestinum</i>	Kikuyu grass
<i>Setaria verticillata</i>	Bur bristle grass
<i>Tagetes minuta</i>	Tall khaki weed
<i>Tragus racemosus</i>	Large carrotseed grass