Read the label before opening the container. For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

AMETRYN 500 SC

South Africa Reg. No: L8219 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: C1

A suspension concentrate herbicide for pre- and post-emergence control of annual broad leaf weeds and grasses, as listed, in bananas, Pineapples and sugarcane.

ACTIVE INGREDIENT:

Ametryn (triazine).....500g/ℓ

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

HAZARD STATEMENTS

- Harmful if swallowed
- Harmful if inhaled
- Very toxic to aquatic life with long lasting effects



PRECAUTIONARY STATEMENTS

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

enviro™ bio-chem

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Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3082

WARNINGS:

- Harmful if swallowed.
- Harmful if inhaled.
- Very toxic to aquatic life with long lasting effects
- Keep out of reach of children, uninformed persons and animals.
- Store in a cool place under lock and key, away from food, feed, fertiliser and seed.
- Re-entry: Do not enter treated field within 1 day after application unless wearing protective clothing.
- Aerial application: Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warning. Do not spray over or allow drift to contaminate water in adjacent areas.

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 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 weed against the herbicide 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:

- Wash hands, forearms, and face thoroughly after handling.
- Wash contaminated clothing thoroughly before re-use.
- Do not eat, drink, or smoke when using this product.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Do not apply near desirable plants or trees (such as windbreaks, ornamental trees or shrubs along 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 in areas where susceptible crops are to be grown in the foreseeable future.
- 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.
- Collect spillage.

RELEVANT SUBSTANCES:

Ametryn 88.3%

FIRST AID TREATMENT

INHALATION: Remove patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if you feel unwell.

SKIN CONTACT: In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Seek medical attention immediately.

EYE CONTACT: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention immediately.

INGESTION: Do not induce vomiting. Get medical attention immediately.

NOTE TO PHYSICIAN:

No specific antidote. Treat symptomatically and supportively.

RESISTANCE WARNING:

For resistance management **AMETRYN 500 SC** is a **group code C1** herbicide. Any weed population may contain individuals naturally resistant to **AMETRYN 500 SC** and other **group code C1** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. **AMETRYN 500 SC** or any other **group code C1** 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.

Mixing Instructions:
Shake well before use.
Replace cap after pouring.
Half–fill the spray tank with water then pour the required quantity of **AMETRYN 500 SC** into the tank through a 50 mesh sieve. Fill to the required water volume. Ensure continuous and thorough agitation during filling and spraying applications. After each days spraying wash all the equipment thoroughly with water.

If **AMETRYN 500 SC** is used in a tank mix with **MCPA 400 SL**, first mix **AMETRYN 500 SC** with water as indicated above, and then add the **MCPA 400 SL** to the tank while agitating the mix continuously.

APPLICATION:

Aerial application:
Aerial application of **AMETRYN 500 SC** may only be done by a registered Aerial Application Operator using a correctly calibrated, registered aircraft according to the instructions of SABS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- Volume: A spray mixture volume of 30 to 35 ℓ per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.
- Droplet coverage: 30 to 40 droplets per cm^2 must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 350 - 450 microns is recommended. Limit the production of fine droplets less than 150 microns (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when aircraft dives, is in a climb or when banking
- Use suitable atomising equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomisers within the inner 60 to 75% of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80% and above) may lead to the following:
  - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
  - damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

Ground Application:

- Calibrate the spraying equipment accurately prior to application.
- Use flat fan or flood jet nozzles to ensure a uniform coverage.
- A spray volume of 200 to 400ℓ per hectare for overall application depending on the size and density of the weed problem.
- **AMETRYN 500 SC** can be applied with any high or medium volume sprayer fitted with efficient agitation.

Application Rates:

BANANAS

AMETRYN 500 SC can be applied during any development stage of the bananas. Do not spray directly onto the banana plant. **AMETRYN 500 SC** should be applied in spring or late summer to autumn as a early post-emergence treatment onto weeds in an active stage of growth but not higher than 7.5 cm at the time of application.

SOIL TYPE	AMETRYN 500 SC (ℓ/ha)
All	6.4ℓ

PINEAPPLES

AMETRYN 500 SC is recommended for use on mixed weed infestations where grass weeds are a particular problem. Apply as an early post emergence treatment for the control of weeds as indicated below.

SOIL TYPE	% CLAY	AMETRYN 500 SC (ℓ/ha)
Sandy to Sandy loam	Under 20%	8ℓ
Sandy Clay loam	21 tot 35%	11ℓ
Sandy Clay	Over 35%	**NOT RECOMMENDED***

*In case of emergency where herbicide weed control is essential, **AMETRYN 500 SC** may be applied at 12 to 16 ℓ/ha as an early post-emergence treatment before grasses reach the tillering stage.

SUGARCANE

AMETRYN 500 SC may be applied at any development stage of the sugarcane, but the weeds must be actively growing and not larger than indicated below.

Sugar cane can be sprayed over the top, provided it has not developed beyond the 5 leaf stage.

Beyond this stage the spray must be directed below the cane leaves in such a way as to avoid contact with the cane leaves.

WEEDS OR GRASS	SOIL TYPES	AMETRYN 500 SC (ℓ/ha)
Mainly broadleaf weeds and annual grasses	All	8ℓ
Mainly nutsedge	All	3ℓ + 3.5ℓ **MCPA 400 SL** **OR** 5.25ℓ - 7.25ℓ **2.4-D Amine 480 SL**

Weeds Controlled:

Weeds controlled by AMETRYN 500 SC	
Grasses	
Grasses must not be bigger than 4cm high at the time of application.	
BOTANICAL NAME	COMMON NAME
Digitaria Sanguinalis	Crab Finger Grass
Echinochloa Crus-Galli	Barnyard Grass
Eleusine Indica	Goose Grass
Panicum Maximum	Guinea Grass
Panicum Schinzii	Vlei Panicum
Panicum Subalbidum	Elbow Grass
Setaria Pallide-Fusca	Red Bristle Grass
Setaria Verticillata	Sticky Bristle Grass
Urochloa Panicoides	Garden Urochloa
Broadleaf Weeds	
Broadleaf weeds should not be higher than 7.5cm at the time of application.	
BOTANICAL NAME	COMMON NAME
Amaranthus Species	Pigweed
Bidens Bipinnata	Spanish Blckjack
Bidens Pilosa	Common Blackjack
Chamaesyce Inaequilatera	Prostrate Euphoria
Chenopodium Album	White Goosefoot
Cleome Monophylla	Single-Leafed Cleome
Commelina Benghalensis	Bengal Commelina
Conyza Canadensis	Horseweed Fleabane
Datura Species	Thorn Apple
Galinsoga Parviflora	Quick Weed
Nicandra Physalodes	Apple Of Peru
Portulaca Oleracea	Common Purslane
Richardia Brasiliensis	Mexican Richardia
Sida Cordifolia	Flannel Weed
Solanum Nigrum	Black Nightshade
Sonchus Oleraceus	Common Snowthistle

Nutsedge
Cyperus Exculentus (yellow nutsegde) and *Cyperus Rotundus* (red nutsedge) will be supressed by an application of **AMETRYN 500 SC.**
If nutsedge form an important part of the weed spectrum in sugarcane, a combination of **AMETRYN 500 SC** and **MCPA 400 SL** or **2-4 D amine 480 SL** is recommended.
Cyperus Esculentus in sugarcane: Apply 3ℓ **AMETRYN 500 SC** plus 3.5ℓ **MCPA 400 SL** per hectare when *C. Esculentus* is in the early flowering stage. The broadleaf weeds listed below will also be controlled. A non–ionic surfactant should be added to the spray solution to increase the efficacy of the treatment.