

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

Herbicide



TRIPYR 480 EC

Reg. No. L 10112 Act No. 36 of 1947
N-AR 1887 / W 1301119

2: 12/8/2022 – Sept2023

An emulsifiable concentrate herbicide for control of unwanted plants as indicated.

ACTIVE INGREDIENT

triclopyr (pyridyloxy compound) 480 g/l
as butoxy ethyl ester

GROUP

4

HERBICIDE



Hazard Statements:

Combustible liquid.
Harmful if swallowed.
May be fatal if swallowed and enters airways.
May be harmful in contact with skin.
Causes mild skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.

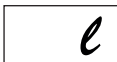
Toxic if inhaled.

May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Avoid breathing dust, fumes, mists, gas, vapours or spray.
Avoid release to the environment.

DANGER



villa



UN Number: 2902

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

P.O. Box 10413, Aston Manor, 1630

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:

TRIPYR 480 EC

Reg. No. L 10112 Act No. 36 of 1947

N-AR 1887 / W 1301119

HRAC HERBICIDE GROUP CODE: 4

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WARNINGS**Hazard statements:**

Combustible liquid.
Harmful if swallowed.
May be fatal if swallowed and enters airways.
May be harmful in contact with skin.
Causes mild skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Toxic if inhaled.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Store in a cool, dry place under lock and key, away from food, feed, seed, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

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 the event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Avoid breathing dust, fumes, mists, gas, vapours or spray.
Wash hands and face thoroughly after handling. Do not touch eyes.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
IF SWALLOWED: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap. Get medical help.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Get emergency medical help immediately.
Get medical help if you feel unwell.
Refer to label for specific treatment.
Rinse mouth.
Do NOT induce vomiting.
If skin irritation or rash occurs get medical help.
In case of fire: Use carbon dioxide, dry powder or alcohol-resistant foam to extinguish.
Collect spillage.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Prevent spray drift onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler www.croplife.co.za. Do not bury, burn, or donate the container 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	
Triclopyr butoxy ethyl ester	49.50 %
Calcium dodecyl benzene sulfonate	< 10 %
Polyoxyethylene alkyl ether	< 10 %
Phenylethyl phenol polyoxyethylene ether	< 10 %
C9-Light solvent naphtha	< 50 %

SYMPTOMS OF HUMAN POISONING

May cause skin irritation and sensitization.

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. Immediately consult a doctor.

- **Inhalation:** If vapours or mists have been inhaled, and irritation has developed, remove the source of contamination or move victim to fresh air. The patient should be kept under observation and obtain medical attention if irritation persists.
- **Skin:** Remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with cold water and non-abrasive soap. Application of olive oil to the affected area will afford prompt relief. After the affected area is washed with soap and water, dry off and apply olive oil.
- **Eyes:** Immediately flush eyes with a stream of clean water for at least 15 to 20 minutes, holding the eyelid(s) open. Obtain medical attention if irritation persists. **Seek medical attention.**
- **Ingestion:** Seek medical attention or call a poison control centre for treatment advice. **Do not induce vomiting.** Do not give anything by mouth. Obtain medical attention. If the person is alert, rinse mouth thoroughly with water. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

NOTE TO PHYSICIAN

No specific antidote - treat symptomatically. If lavage is performed, ensure endotracheal and/or oesophageal control. The danger of lung aspiration must be considered.

MODE OF ACTION

TRIPYR 480 EC is a selective systemic herbicide, rapidly absorbed by the foliage and roots, accumulating in the meristematic tissue. Induces auxin-type responses in susceptible species by acting like indolylacetic acid (Site of action: Synthetic auxin).

RESISTANCE WARNING

TRIPYR 480 EC is a group code 4 herbicide. Any weed population may contain individuals naturally resistant to **TRIPYR 480 EC** and other group code 4 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **TRIPYR 480 EC** or any other group code 4 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.

USE RESTRICTIONS

IN ORDER TO PREVENT IMMEDIATE OR FUTURE INJURY TO PLANTS OR CROPS IN NEARBY AREAS, IT IS IMPERATIVE TO APPLY THE PRODUCT STRICTLY IN ACCORDANCE WITH THE USE RESTRICTIONS AND APPLICATION DIRECTIONS LISTED BELOW:

- **Do not allow the spray mist to drift** or come into contact with sensitive broadleaf crops such as including but not limited to lucerne, beans, melons, potatoes, soybeans, sunflower, tobacco, tomatoes, cotton, fruit trees, grape vines, ornamentals, etc. Other broadleaf crops not listed may also be susceptible to **TRIPYR 480 EC** induced injury.
- **Do not allow the spray mist to drift** or come into contact with soil containing roots of above-mentioned plants, soil in which such plants are to be grown, grain varieties in a susceptible stage of growth or grazing or any other area not under treatment.
- **High ambient temperatures** may increase the volatility and potential for vapour drift of this herbicide, thereby increasing the risk for off-target injury to sensitive broadleaf crops.
- **Do not contaminate water intended for irrigation or domestic purposes.** To avoid injury to crops or other non-target plants, do not spray directly over, or allow spray drift, or spray run-off to reach banks or bottoms of irrigation ditches, canals, streams, dams, rivers (whether dry or containing water) that may be used for irrigation or domestic purposes or may transport water to an irrigation facility.
- **Do not apply when circumstances favour movement of the spray cloud away from the intended target site.**
- **Do not use on flood irrigated land or fields.**
- **Do not apply to areas that may be planted with any broadleaf crop or ornamental plants.**
- **Do not use manure from animals grazing treated areas, or grass or sprayed plants** as compost for growing broadleaf crops, ornamentals, orchards or other susceptible crops. Manure may contain enough herbicide to cause injury to susceptible plants.
- **Do not transfer livestock** from treated grazing areas (or feeding of treated grass) onto sensitive broadleaf crop areas without first allowing 7 days of grazing on an untreated grass pasture. Otherwise, urine and manure may contain enough herbicide to cause injury to sensitive broadleaf plants.
- **Do not move treated soil** to areas other than sites for which **TRIPYR 480 EC** is registered for use.
- **Do not apply through a mist blower or any spray equipment that will produce a fine or smaller droplet spectrum.**
- **Do not apply to land NEAR to desirable broadleaved plants,** or land onto which such plants are to be grown or grain varieties in a susceptible stage of growth. However, **TRIPYR 480 EC** may be applied in the vicinity of desirable broadleaved plants, or soil or land onto which such plants are to be grown, or grain varieties in a susceptible stage of growth, **provided that sufficient precautionary measures are taken to avoid any type of contamination of such an area.**

GENERAL INFORMATION

- It takes considerable time for target plants to die off completely (certain woody species may take several months to die-off completely). Depending on conditions and type of target species, some plants may regrow which will require follow-up treatments.

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

- **TRIPYR 480 EC** is compatible with the adjuvant **Summit Super**.
- When **TRIPYR 480 EC** is used in conjunction with any other agricultural remedy, all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

Mixing instructions:

- Half fill the spray tank with clean water.
- Ensure agitation of water in the spray/mixing tank.
- Measure out the required volume of **TRIPYR 480 EC** and add to the spray tank.
- Add required volume of **Summit Super** to the spray tank and fill the spray/mixing tank with clean water to the required level, while maintaining agitation, to ensure thorough mixing of the spray mixture before commencement of application. Maintain agitation while spraying.
- The prepared spray mixture must not be left in the spray tank for any length of time, e.g., overnight.

Application instructions:

- Use accurately calibrated equipment, in good working order with appropriate nozzles, and with an efficient agitation mechanism.

Foliar application

- **Avoid spray drift onto non-target plants or crops.**
- Treatment of woody species: It is very important to add **Summit Super** according to the label recommendations.
- Apply as a full cover spray (to the point of run-off) to foliage and stems of actively growing plants with full leaf cover.
- Do not apply to wet foliage as the surfactant in the spray mixture may cause excessive run-off of the droplets off the plants.
- Rain after application will not affect efficacy once the droplets have dried on the target plants.
- Deciduous plants may drop their leaves when under stress. Do not apply to target plants when drought stress is visible, or target plants show other signs of stress. Take care when applying foliar applications to deciduous plants during autumn to prevent rapid leaf drop due to a combination of stress and the herbicide. Follow-up treatments may be required if this occurs.
- After a dry period, some plant species still remain under stress and require a recovery period following rainfall. Visible signs of stress may not be evident during this recovery period. Allow the plants to fully recover after rainfall before application of foliar treatments. When foliar treatments are applied during this recovery period, follow-up treatments may be required.
- Use a knapsack sprayer with a solid cone nozzle (eg. Spraying Systems TG-1, Delavan CE 1 or equivalent type) that will ensure an even coverage of the target area. Maintain a constant pressure between 200 to 250 kPa.
- For broadcast application with tractor and boom sprayer, use a sufficient water volume per hectare to ensure complete and even coverage. Depending on plant height and weed species, this may be at least 250 to 350 litres spray mixture per hectare.
- For High Volume Application (using a foaming agent), use a motorized pump capable of applying of 1000 to 1200 kPa pressure equipped with a Spraying Systems Foam-jet FJ 0006 aspirating (or equivalent type) nozzle. Add commercially available foaming agent, as a temporary spray application marker.

APPLICATION RATES**1. FOLIAR APPLICATION TREATMENTS:**

<i>Target species</i>	<i>Dosage rate</i>	<i>Remarks</i>
<i>Acacia saligna</i> (Port Jackson)	500 ml / 100 ℓ water (0.5 % mixture) PLUS 500 ml / 100 ℓ water (0.5 %) Summit Super	Apply to the point of run-off on young actively growing trees (saplings) up to 2 metres in height. Apply sufficient spray mixture, to ensure thorough wetting of all leaves and stems of young actively growing plants.
<i>Acacia longifolia</i> (Long-leaved wattle)	600 ml / 100 ℓ water (0.6 % mixture) PLUS 500 ml / 100 ℓ water (0.5 %) Summit Super	
<i>Acacia melanoxylon</i> (Blackwood)	750 ml / 100 ℓ water (0.75 % mixture) PLUS 500 ml / 100 ℓ water (0.5 %) Summit Super	
<i>Acacia dealbata</i> (Silver Wattle) <i>Acacia mearnsii</i> (Black Wattle)	250 to 750 ml / 100 ℓ water (0.25 % to 0.75 % mixture) PLUS 500 ml / 100 ℓ water (0.5%) Summit Super	Apply the lower dosage rate on seedlings (less than 50 cm height) and the higher rate for saplings. Apply to the point of run-off.
<i>Chromolaena odorata</i> (Triffid Weed)	375 ml / 100 ℓ water (0.375 % mixture) PLUS 500 ml / 100 ℓ water (0.5 %) Summit Super	Apply to the point of run-off on actively growing plants. Slash plants too high for a good cover spray and spray the re-growth when reaching 0.5 m height.

Target species	Dosage rate	Remarks
<i>Pueraria lobata</i> (Kudzu)	500 ml / 100 l water (0.5 % mixture) PLUS 500 ml / 100 l water (0.5 %) Summit Super	Apply to the point of run-off on actively growing plants. Re-growth may occur necessitating a follow-up treatment.
<i>Sesbania punicea</i> (Sesbania)	500 ml / 100 l water (0.5 % mixture) PLUS 500 ml / 100 l water (0.5 %) Summit Super	Apply to the point of run-off on seedlings and re-growth up to 2 m in height. Re-growth must exceed 0.5 m height.
<i>Solanum mauritianum</i> (Bug tree)	500 ml / 100 l water PLUS 500 ml / 100 l water (0.5 %) Summit Super	Apply to the point of run-off on young actively growing plants up to 1.5 m in height. Slash plants exceeding a height of 1.5 m and spray the re-growth when reaching 0.5 m height.
<i>Seriphium plumosum</i> (Slangbos)	500 ml / 100 l water PLUS 500 ml / 100 l water (0.5 %) Summit Super	Apply to actively growing plants and ensure complete wetting. Re-growth may occur necessitating a follow-up treatment.

The following product mentioned in this label is equivalent to the product as listed below:

- **SUMMIT SUPER** (L 8539) = **BENEFIT PLUS** (L 8538).

SUMMIT SUPER and **BENEFIT PLUS** are registered products of
VILLA CROP PROTECTION (PTY) LTD.