

Read the label before opening the container.

For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

TARMAX™ 120 EC

South Africa Reg. No: L10798 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: A

TARMAX™ is a selective, emulsifiable systemic weed killer for the post-emergence control of certain grasses in forestry, seedbeds (including volunteer maize containing the glyphosate resistant gene), cabbages, lucerne and leguminose pastures (including medics), onions, sunflowers, stone fruit, pome fruit, citrus, grapes and industrial areas.

ACTIVE INGREDIENT:

Clethodim (cyclohexanedione).....120g/ℓ

Product Information: 072 678 8226

In case of poisoning: 082 446 8946

HAZARD STATEMENTS

- May be fatal if swallowed and enters the airways
- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye damage
- Harmful to aquatic life with long lasting effects.



DANGER

PRECAUTIONARY STATEMENTS

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

enviro™
bio-chem

Registration holder: Enviro Africom (Pty) Ltd

Co. Reg. No: 2013/194774/07

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Expiry Date:

Batch No:

Date of Manufacture:

UN No. Not Regulated

WARNINGS:

Allow 14 days after last application and harvesting of onions and cabbages.

- For all other crops – allow 28 days after last application and harvesting or feeding of crop.
- May be fatal if swallowed and enters the airways
- Causes skin irritation
- May cause an allergic skin reaction
- Causes serious eye damage
- Harmful to aquatic life with long lasting effects.
- Store away from food and feeds, fertilizers and other chemicals.
- Keep out of reach of children, uninformed persons and animals.
- Do not spray over or allow drift to contaminate water or adjacent areas.
- 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 wide 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 against the remedy 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 instruction 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 handle until all safety precautions have been read and understood.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash hands, forearms, and face thoroughly after handling
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF exposed or concerned: Get medical advice/attention.
- Take off contaminated clothing.
- Wash contaminated clothing before reuse.
- Collect spillage
- Store in a well-ventilated place. Keep cool.
- Store locked up
- Avoid spray drift onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RELEVANT SUBSTANCES:

Clethodim 12%

500# < 15%

600# < 5%

Solvent Oil < 75%

FIRST AID TREATMENT:

INHALATION: Remove person to fresh air and keep comfortable for breathing.

INGESTION: Immediately call a POISON CENTER or doctor/physician.

SKIN CONTACT: Wash with plenty of water and non-abrasive soap. If skin irritation or rash occurs: Get medical advice/attention.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

RESISTANCE WARNING:

For resistance management **TARMAX 120 EC** is a **group code A** herbicide. Any weed population may contain individual weeds naturally resistant to **TARMAX™ 120 EC** and other **group code A** herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **TARMAX™ 120 EC** or any other **group code A** herbicides.

In order to delay herbicide resistance:

- Avoid exclusive and repeated use of herbicides from the same herbicide group code.
- Alternate or tank mix with products from different herbicide group codes.
- Integrate chemical and cultural control methods into weed control programmes.

For more information on resistance management, contact the registration holder.

DIRECTIONS FOR USE: Use only as indicated.

Before applying **TARMAX™ 120 EC** it is advisable to wait until the majority of the grass weeds are within the optimum stages for control as mentioned in the "Weeds controlled by **TARMAX™ 120 EC** dose rates" list. Since **TARMAX™ 120 EC** has a limited soil residual action, the weeds to be controlled must have emerged before applying **TARMAX™ 120 EC**.

Compatibility:

Do not mix or apply **TARMAX™ 120 EC** with any other additives, pesticides or fertilizers.

Use Restrictions:

Apply **TARMAX 120 EC** only on actively growing grass weeds which are within the recommended growth stages as stipulated under "Weeds controlled and **TARMAX™ 120 EC** dose rates.: Do not apply to plants/weeds that are stressed from whatever cause e.g. moisture or temperature extremes, insect damage, nutrient deficiencies, herbicide carry over or wind damage.

Allow at least 4 days after **TARMAX™ 120 EC** application, before applying any other treatment.

Where follow-up crops are to be planted after **TARMAX™ 120 EC** applications, apply the following safety periods:

- | | |
|---|---------|
| • Broadleaf crops: | None |
| • Maize (at 0.375l/ha): | 7 Days |
| • Maize (at >0.5l/ha), other grains and grass crops | 1 Month |

Rain or irrigation within 1 hour after **TARMAX™ 120 EC** application may necessitate a second application.

Thorough and uniform spray coverage over the entire leaf area of the target plant is necessary for optimum weed control, especially where the crop is very dense. **TARMAX™ 120 EC** has been tested on the most important crop varieties which were commercially used at the date of registration. Do not apply **TARMAX™ 120 EC** to large areas of newly released cultivars before consulting your local **TARMAX™ 120 EC** representative or distributor, or prior phytotoxicity testing.

Mixing Instructions:

Shake the **TARMAX™ 120 EC** container thoroughly just before use. Close the container tightly after use.

Thoroughly clean the sprayer by flushing the system with water containing a detergent before spraying. Half fill the spray tank with clean water and add the required quantity of **TARMAX™ 120 EC** as recommended below. Then fill the tank to the required volume with clean water, ensuring thorough agitation. Do not allow the mixture to stand over night. Thoroughly flush out spraying equipment at the end of the spraying process.

Ground application:

TARMAX™ 120 EC can be applied with conventional ground equipment (tractor mounted sprayers, knapsack sprayers) capable of producing a uniform distribution. Flat fan nozzles are recommended. Use a low pressure (100 - 200kPa) so that **TARMAX™ 120 EC** is applied as a coarse droplet spray. Ensure thorough coverage of the weeds by applying at least 150ℓ of spray mixture per hectare. Do not spray during severe drought or when the area to be treated is severely waterlogged, thus restricting the growth of the crops and weeds. **TARMAX™ 120 EC** controls the grass species as indicated in the “Weeds controlled table.” Other grass species that were not present during the development trials of the product could possibly also be controlled to a certain degree. The registration holder does not accept any responsibility for unlisted weeds.

APPLICATION RATES:

USE	DOSAGE RATE/HA	REMARKS
<i>Eucalyptus</i> spp. and <i>Pinus</i> spp.	0.8 - 2.0ℓ	Apply to actively growing grass weeds. Use the dose rate listed under “Weeds controlled by and TARMAX™ 120 EC dose rates.”
Seedbeds (Control of volunteer maize containing the glyphosate resistant gene)	0.375ℓ	Apply to actively growing volunteer maize plants in the 4 - 8 leaf stage
USE	DOSAGE RATE/HA	REMARKS
Citrus, pome fruit, stone fruit and grapes	0.8 - 3.0ℓ	Apply as directed spray to actively growing grass weeds. Use the dose rate listed under “Weeds controlled by and TARMAX™ 120 EC dose rates.”
Onions and sunflowers, cabbages, lucerne and leguminous pastures (including medics)	0.8 - 2.0ℓ	Apply to actively growing grass weeds. Use the dose rate listed under “Weeds controlled by and TARMAX™ 120 EC dose rates.”
Industrial areas	50mℓ/5ℓ	Spot treatment. Apply to actively growing grass weeds.

WEEDS CONTROLLED AND TARMAX 120 EC DOSAGE RATES:

WEED SPECIES CONTROLLED AT 0.375ℓ/HA		GROWTH STAGE
<i>Zae mays</i>	Volunteer maize with glyphosate resistant gene	4 - 8 leaves
WEED SPECIES CONTROLLED AT 0.8ℓ/HA		GROWTH STAGE
<i>Avena sativa</i>	Common oats	3 - 4 leaves
<i>Dactyloctenium aegyptium</i>	Crowfoot	2 - 5 leaves
<i>Digitaria anguinalis</i>	Crab finger grass	2 - 6 leaves
<i>Echinochloa crus-galli</i>	Barnyard grass	4 - 8 leaves
<i>E. colona</i>	Marsh grass	3 - 6 leaves
<i>Eleusine coracana</i>	Goose grass	3 - 6 leaves
<i>Hordeum vulgare</i>	Barley	3 - 4 leaves
<i>Lolium multiflorum</i>	Italian rye grass	2 - 5 leaves
<i>Panicum maximum</i>	Common buffalo grass	2 - 8 leaves
<i>Phalaris minor</i>	Little seeded canary grass	2 - 5 leaves
<i>Setaria verticillata</i>	Sticky bristle grass	3 - 6 leaves
<i>Triticum aestivum</i>	Wheat	3 - 5 leaves
<i>Urochloa panicoides</i>	Herringbone grass	4 - 8 leaves
WEED SPECIES CONTROLLED AT 1.0ℓ/HA		GROWTH STAGE
<i>Lolium perenne</i>	Perennial rye grass	2 - 4 leaves
<i>Setaria pallide-fusca</i>	Red bristle grass	2 - 6 leaves
WEED SPECIES CONTROLLED AT 1.0ℓ/HA		GROWTH STAGE
<i>Cynodon dactylon</i>	Common couch (Re-growth may occur)	4 - 8 leaves

NOTE: For optimal *Cynodon* control thorough pre-spray tillage operations are required to break up the sward, thereby diminishing the underground root mass. Apply **TARMAX™ 120 EC** once *Cynodon* re-growth contains approximately 2 - 6 leaves.

IMPORTANT NOTES:

- Poor weed control may result if **TARMAX™ 120 EC** is applied when the weeds have been subjected to moisture stress or any other stress, Apply only during moist conditions, when the weeds are actively growing.
- Weeds that have not emerged at the time of application will not be controlled by **TARMAX™ 120 EC**.
- Under certain conditions **TARMAX™ 120 EC** may cause some crinkling and cupping of emerging *Eucalytus* leaves. However, this is normally of a transitory nature and growth will not be significantly be affected.