



ORYX 240 EC

Reg. No. L 11129, Act No. 36 of 1947 | Reg. Nr. L11129, Wet Nr. 36 van 1947

Read the label before use
Keep out of reach of children and animals

An emulsifiable concentrate herbicide for use in crops, vineyards, orchards and forestry as listed to control a variety of annual broadleaf and grass weeds as listed.

Hazard Statements

May be harmful if swallowed
May be fatal if swallowed and enters airways

Causes skin irritation

Causes serious eye damage

May cause damage to organs through prolonged or repeated exposure

Very toxic to aquatic life

May cause long lasting harmful effects to aquatic life

Precautionary Statements

Wash face, hands and any exposed skin thoroughly after handling.

Wear protective gloves/protective clothing/ eye protection/ face protection.

Avoid release to the environment.

'n Emulgeerbare konsentraat onkruidodder vir gebruik in gewasse, wingerde, boorde en bosbou soos gelys om 'n verskeidenheid eenjarige breëblaar- en grasonkruid soos gelys te beheer.



Danger

HERBICIDE GROUP CODE E | ONKRUIDDODER GROEPKODE E

ACTIVE INGREDIENT | AKTIEWE BESTANDDEEL:

Oxyfluorfen (diphenyl ether) 240 g/l Oksifluorfen (difeniel eter)

Manufactured for and registered by/Vervaardig vir en geregistreer deur:

Sharda International Africa (PTY) LTD

Reg. No./Reg. Nr. 2010/002268/07

P. O. Box/Posbus 82021, Southdale, 2135

Tel: 031-764 3011

UN No. /VN Nr. 1993

BATCH NO.
LOT NR.

EXPIRY DATE
VERVAL DATUM

NET CONTENTS /
NETTO INHOUD

20 l

In case of emergency contact National Poison Centre 0861 555 777

WARNINGS:

- Handle with care.
- May be harmful if swallowed
- May be fatal if swallowed and enters airways
- Causes skin irritation
- Causes serious eye damage
- May cause damage to organs through prolonged or repeated exposure
- Very toxic to aquatic life
- May cause long lasting harmful effects to aquatic life
- Keep out of reach of children, uninformed persons and animals.
- Store in the original container in a cool place under lock and key, away from food, feed, fertiliser and seed.
- Flammable - do not expose to heat and flames.
- In case of poisoning, call a physician immediately and make this label available to him/her.
- Toxic to fish - do not contaminate dams, lakes, rivers or any other body of water.
- Re-entry interval: Do not enter treated area within 1 day after treatment 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 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 weeds 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 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:

- Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.
- Avoid release to the environment.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF ON SKIN: Wash with plenty of soap and water.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- If eye irritation persists: Get medical advice/attention.
- Take off contaminated clothing and wash before reuse.
- Collect spillage.
- Store locked up.
- Dispose of contents/container according to local regulations.
- Do not inhale fumes or spray mist.
- Wash skin with soap and water after use, or in the case of accidental skin contact.
- Do not eat, drink or smoke while mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Prevent the drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Prevent the direct spraying of, and the drift of spray mist onto, crops and desirable plants and trees.
- Apply this product strictly in accordance with the application directions.
- 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 disposing of the container by perforation and flattening. Never use the container for any other purpose.
- Clean the applicator thoroughly after use and dispose of the wash water where it will not contaminate crops, grazing, rivers or dams.

RELEVANT SUBSTANCE:

Substance	%
Oxyfluorofen	< 30 %
Emulsifier mixture Unitox	< 25 %
Solvesso Solvent mixture	< 55 %

SYMPTOMS OF HUMAN POISONING:

No known cases of human poisoning
ORYX 240 EC causes mild skin irritation and severe eye irritation.
See MSDS.

FIRST AID:

Eye contact: Flush eyes with plenty of clean water, occasionally lifting upper and lower eye lids, for at least 15 minutes. Check for, and remove if present, any contact lenses after the first 5 minutes of flushing. Get medical attention should any symptoms develop or persist.
Skin contact: Remove all contaminated clothing and leather items. Wash the skin thoroughly with soap and water, and rinse the skin with large quantities of clean water. Wash any contaminated clothing before re-use.
Inhalation: Remove patient to fresh air. Get medical attention should any symptoms develop or persist.
Ingestion: If swallowed, immediately give a large amount of water to drink. Rinse the mouth with clean water. Do not induce vomiting. If vomiting does occur, administer more water. Never give anything by mouth to an unconscious person. Get medical attention.

NOTE TO PHYSICIAN: There is no specific antidote. Treat symptomatically and supportively.
If large quantities have been ingested, gastric lavage and the administering of activated charcoal may be considered, as well as forced alkaline diuresis or haemodialysis.

RESISTANCE WARNING:

For resistance management "ORYX 240 EC" is a group code E herbicide. Any weed population may contain individuals naturally resistant to "ORYX 240 EC" and other group code E herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by "ORYX 240 EC" or any other group code E herbicide.

To delay herbicide resistance:

- Avoid exclusive repeated use of herbicides from the same herbicide group code. Alternate or tank mix with registered 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.

GENERAL:

Mode of action of Oxyfluorfen the active ingredient of ORYX 240 EC.

When sprayed on moist soil, Oxyfluorfen is rapidly and strongly fixed by soil colloids. The product has a low water solubility and a low adsorption, the downward movement under the influence of rain or overhead irrigation is limited and there is no lateral diffusion. ORYX 240 EC forms a thin layer on the soil surface after application and will be activated by moisture to kill germinating weeds.
Do not disturb or cultivate treated soil as this will adversely affect the herbicidal activity of ORYX 240 EC. A minimum of 5mm rain or irrigation will activate herbicide activity
Limited degradation by sunlight helps for good persistence.
Persistence is not influenced by the nature of the soil (clay percentage or humus).
Soil should not dry out completely to obtain maximum residual effect.
ORYX 240 EC is a pre- and post-emergence herbicide and action is more vigorous and complete when plants are young and in active growth.
The pre-emergence effect begins to operate as soon as germination takes place.
Post emergence weeds absorb ORYX 240 EC through aerial parts and are rapidly killed in bright sunlight. Weeds should be young, 4 – 6 leave stage and actively growing.

MIXING AND APPLICATION:

Mixing instructions

Half fill the spray tank with water, add the required amount of "ORYX 240 EC", and thenfill the spray tank to the desired volume. When spraying a tank mix, add "ORYX 240 EC" to the spray tank first followed by the other tank mix product. Ensure agitation of the spray mixture during mixing and spraying.

Ground application

- Depending on the size of the weeds, apply the product using a water volume of 300 to 500 l/ha.

Application timing

CROP	DOSAGE RATE	APPLICATION TIMING
Citrus Pre-emergence Post-emergence	3-4 l/ ha ORYX 240 EC	Apply 3–4 l Oryx 240 EC in 500 l water per ha to citrus trees of all ages, including nurseries. Do not apply in bearing orchards from 3 weeks before blossoming to 3 weeks after fruit set. Do not apply during periods of new foliar growth and apply only when the foliage has expanded fully and is matured. Apply as a directed spray away from the foliage in nurseries after transplanting. Use the lower rate for broadleaf weed control.
Transplanted onions	3 l in 350 l water per HA OR 1.5L and 1.5 l	Apply 3 l Oryx 240 EC in 350 l water/ha when plants have reached the 2- to 3-true-leaf growth stage. Apply directly after transplanting followed by irrigation. Weak plants may be negatively infected by application of Oryx 240 EC. Apply immediately after transplanting and follow up with a further application at the same rate after a month.
Hybrid onion seed production	3 l in 350 l water per HA OR 1.5l and 1.5 l	Apply 3 l Oryx 240 EC in 350 l water/ha immediately after planting the female bulbs. Apply immediately after transplanting and follow up with a further application at the same rate after a month.
Direct seeded onions – Karoo region	3 l in 350 l water per HA	Apply 3 l Oryx 240 EC in 350 l water/ha to Golden Globe and Australian Brown cultivars in the 3- to 4-leaf growth-stage only (at 2–3 months after sowing). Application may be delayed up to a month if weed development is slow.
Direct seeded onions – Summer rainfall regions	1-1.5l in 350 l water per Ha	Apply 1–1.5 l Oryx 240 EC in 350 l water/ha when the seedlings have developed two fully expanded leaves. Weeds should be sprayed before the 3-leaf growth stage and larger weeds or those suffering from frost or moisture or other climatic stress may not be controlled. If necessary, a repeat 1.5 l Oryx 240 EC /ha treatment at 4–6 weeks can be applied. The lower dosage rate should be used on sensitive cultivars.
Garlic	3 l in 350 l water per HA	Apply 3 l Oryx 240 EC in 350 l water/ha immediately after planting. Leaf scorch and/or pig-tailing may occur, especially under cold, wet and windless conditions. High soil temperatures may delay emergence and cause leaf scorch.
Sugarcane	3 l in 350 l water per HA	Apply 3 l Oryx 240 EC in 350 l water/ha immediately after planting or 1 week after cutting, before weed emergence. Irrigate within 48 hours of the application or apply to recently-irrigated damp soil.
Pome and stone fruit	3-4 l in 500 l water per Ha	Apply 3–4 l Oryx 240 EC in 500 l water/ha as a directed spray away from the crop foliage in pome and stone fruit orchards as well as in apple and pear nurseries. Use the lower rate for broadleaf weed control only. When applying in apple and pear nurseries, spray immediately after grafting and planting or to actively growing nursery stock over 60cm high. Do not apply Oryx 240 EC in deciduous fruit orchards from one month before budswell until beginning of December.
Grapevines	3-4 l in 500 l water per Ha	Apply 3–4l Oryx 240 EC in 500 l water per ha in established trellised vines during July only and not later than one month before budding.

WEEDS CONTROLLED :

GRASS WEEDS:

Paspalum dilatatum Common paspalum

BROADLEAF

Amaranthus hybridus
Bidens pilosa
Datura stramonium
Euphorbia heterophylla
Senecio latifolius
Solanum tuberosum

WEEDS:

Pigweed
Black jack
Common thorn apple
Wild poinsettia
Ragwort
Volunteer potato