

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

Herbicide



REMOVE 250 EC

Reg. No. L 9437 Act No. 36 of 1947

3: 22/01/2023 – Sep2023

A herbicide formulated as an emulsifiable concentrate, for the control of broadleaf weeds and certain annual grasses in crops as indicated.

ACTIVE INGREDIENT

oxadiazon (oxadiazole)

250 g/l

GROUP 14 HERBICIDE



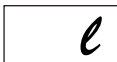
DANGER

Hazard Statements:

May be harmful if swallowed.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye damage.
Toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

Precautionary Statements:

Wash hands and face thoroughly after handling.
Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.
Avoid release into the environment.
Dispose of content/container to suitable landfill in accordance with local regulations.



villa



UN Number: 3082

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

PO 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:

REMOVE 250 EC

Reg. No. L 9437 Act No. 36 of 1947

HRAC HERBICIDE GROUP CODE: 14

ACTIVE INGREDIENT:

oxadiazon (oxadiazole).....250 g/l

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WARNINGS**DO NOT PLANT CUCURBITS (E.G. CUCUMBERS, PUMPKINS, MELONS) IN SOIL TREATED WITH REMOVE 250 EC LESS THAN 6 MONTHS AFTER TREATMENT.****Hazard statements**

May be harmful if swallowed.
May be fatal if swallowed and enters airways.
Causes skin irritation.
Causes serious eye damage.
Harmful if inhaled.
Toxic to aquatic life.
Toxic to aquatic life with long lasting effects.

- Toxic to bees.
- **Flammable** – Do not store near an open flame.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Store away from food, feeds, seed, fertilizers and other agricultural remedies.
- 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:**

Avoid breathing dust, fume, gas, mists, vapours or spray.
Wash hands and face thoroughly after handling.
Wash hands thoroughly after handling. Do not touch eyes.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.
IF SWALLOWED: Get emergency medical help immediately.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
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.
Do NOT induce vomiting.
If skin irritation occurs get medical help.
Take off contaminated clothing and wash it before reuse.

Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources.
- Thoroughly clean the 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 (3) 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, feed, drinking water and eating utensils.

Relevant hazardous components	
Oxadiazon	250 g/l
Sodium dodecyl benzene sulfonate	< 20 g/l
Aromatic 150 solvent (Naphtha, heavy aromatic)	<80 g/l

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:** Remove person from contaminated area to fresh air and assist breathing as needed. **Seek medical attention if you feel unwell after inhalation.**
- **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.
- **Eyes:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**
- **Ingestion:** Have victim rinse mouth thoroughly with water. **Do not induce vomiting, due to the aromatic solvent. Seek medical advice immediately.** If the person is alert and respiration is not depressed, give large quantity of water to drink. Never give anything by mouth to an unconscious person. Establish and maintain airway. Treat respiratory difficulty with artificial respiration and oxygen. Qualified medical personnel should perform administration of gastric lavage or oxygen.

RESISTANCE WARNING

REMOVE 250 EC is a group code 14 herbicide. Any weed population may contain individuals naturally resistant to **REMOVE 250 EC** and any other group code 14 herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **REMOVE 250 EC** or any other group code 14 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: RESULT 250 EC is a selective, contact herbicide, absorbed by shoots but not roots.

Additional notes on resistance:

The presence of resistant weed populations is difficult to confirm prior to herbicide application. It is therefore important that fields are inspected regularly to confirm the presence of herbicide-resistant weeds timeously.

Villa Crop Protection (Pty) Ltd will not accept liability for performance failures in the event of a build-up of resistant weeds resulting from inadequate resistance management practices as recommended on the label.

USE RESTRICTIONS

- If the soil becomes dry, **REMOVE 250 EC** will become inactivated. Irrigate soon after application. Regular irrigation or rain will ensure that the **REMOVE 250 EC** remains active.
- At least 15 mm rain or irrigation is required to distribute the product in the soil.
- Although **REMOVE 250 EC** has been tested on most important cultivars without significant phytotoxicity being recorded under normal growing conditions, this does not mean that a sensitive cultivar might not be commercialised in the future. Where a new cultivar is involved, large areas should not be sprayed without prior testing of **REMOVE 250 EC** on that cultivar to confirm crop safety.
- For control of broadleaf weeds - apply **REMOVE 250 EC** pre-emergence or early post-emergence, thus not later than the 2 to 3-leaf stage of the weeds.
- For control of grass weeds - apply **REMOVE 250 EC** pre-emergence of the weeds. In the case of Crab finger-grass (*Digitaria sanguinalis*), apply the higher dosage rate of 5 litres per hectare.
- Pre-emergence control of deep and/or late germinating weeds may sometimes be erratic.
- Do not use **REMOVE 250 EC** in annual crops in fields that are prone to waterlogging.
- Do not use **REMOVE 250 EC** on rocky or sandy soil containing less than 10 % clay.
- Phytotoxicity symptoms (yellowing of leaves) may show after the application of **REMOVE 250 EC**, but crops usually outgrow this later and normal yields are produced.

DIRECTIONS FOR USE: Only use as directed.

Compatibility:

- The compatibility of **REMOVE 250 EC** may be influenced by several factors. As these factors may vary, a physical compatibility test must always be performed before such a tank mixture is sprayed.
- If tank mixtures are to be used with other products, small quantities of the products in the correct ratio should be mixed with the appropriate quantity of water to determine compatibility.
- Water quality and formulation of other products may influence compatibility.
- When **REMOVE 250 EC** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label.

Mixing Instructions:

- Half fill the spray tank with clean water and ensure that agitation takes place.
- Add the required volume of **REMOVE 250 EC** to the water while stirring.
- Fill the spray tank with water to the required final volume, while maintaining agitation, to ensure thorough mixing.
- When mixing **REMOVE 250 EC** with granular (SG/WG) or suspension concentrate (SC/CS) formulation types of herbicides in the same spray tank, use the following procedure:
 - a) fill spray tank three quarters with clean water. Pre-mix the required amount of complementary herbicide first with a small volume of water, then add to the spray tank, agitating continuously,
 - b) continue filling the spray tank with water and add the required amount of **REMOVE 250 EC** just before the tank is filled to its full capacity.
- Ensure continuous agitation of the spray mixture during mixing and application.
- Spray mixtures must be sprayed immediately and not allowed to stand over, e.g. overnight.
- Spray equipment must be cleaned and rinsed immediately after spraying.

Application instructions

- Apply **REMOVE 250 EC** to moist soil surface in good tilth in a minimum of 250 litres spray mixture per hectare and ensure effective coverage.
- Only apply with accurately calibrated spray equipment that is in good working order. The sprayer must be equipped with appropriate correctly spaced nozzles, and with an efficient agitation mechanism. It is recommended that flat fan nozzles be used.
- Thoroughly flush out spraying equipment immediately after the end of the spraying operation.
- Do not disturb the soil surface after application as this will affect the residual activity of the chemical.

APPLICATION RATES**IMPORTANT – Refer to “USE RESTRICTIONS” and “DIRECTIONS FOR USE” above.**

Crop	Dosage rate per ha	Remarks
<u>Grape vines</u>		Use only where regular micro irrigation is applied.
Established vines	4 to 5 ℓ	Apply as a directed spray to a clean soil surface only (first remove existing weed growth). Prevent contact of the chemical with the foliage and buds of the vines.
Newly planted vines	4 to 5 ℓ	Apply while the vines are dormant Shield the vines during application to prevent contact of the chemical with the vines. Do not apply REMOVE 250 EC during the one month period before and after budding.
<u>Onions</u>		
Direct seeded	4 to 5 ℓ	Apply only when the onion plants have 3 to 4 true leaves.
Sett planted	4 to 5 ℓ	Apply before or after emergence of the onion setts.
Transplanted	4 to 5 ℓ	Apply after transplanting.
<u>Rice</u> (Overhead irrigation)	4 ℓ	Apply REMOVE 250 EC after sowing the rice, but pre-emergence of the crop and the weeds. Follow up with irrigation as soon as possible after planting.

WEEDS CONTROLLED BY REMOVE 250 EC:**Pre-emergence only:**

<i>Digitaria sanguinalis</i>	Crab finger grass
<i>Eleusine indica</i>	Goose grass
<i>Hordeum murinum</i>	Wild barley
<i>Lolium multiflorum</i>	Italian ryegrass
<i>Panicum schinzii</i>	Sweet buffalo grass

Germinating seed only:

<i>Plantago lanceolata</i>	Narrow-leaved ribwort
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Pre- and post-emergence up to the 2-3 leaf stage:

<i>Amaranthus deflexus</i>	Perennial pigweed
<i>Amaranthus. hybridus</i>	Common pigweed
<i>Anagallis arvensis</i>	Pimpernel
<i>Chenopodium album</i>	White goosefoot
<i>Chenopodium murale</i>	Nettle-leaved goosefoot
<i>Citrullus lunatus</i>	White watermelon
<i>Coronopus didymus</i>	Swine cress
<i>Datura stramonium</i>	Thorn apple
<i>Emex australis</i>	Spiny Emex
<i>Erodium moschatum</i>	Musk heron's bill
<i>Fumaria muralis</i>	Fumitory
<i>Inula graveolens</i>	Cape khaki weed
<i>Lactucaserriola</i>	Wild lettuce
<i>Oxalis pes-caprae</i>	Yellow sorrel
<i>Polyfonum aviculare</i>	Prostrate knotweed
<i>Portulaca oleracea</i>	Purslane
<i>Raphanus raphanistrum</i>	Wild radish

NOTE

REMOVE 250 EC controls the above-mentioned weed species in the tank mixtures as indicated. Other weed species, not present at the time of this product's development, might also be controlled to a larger or lesser degree. The registration holder does not accept any responsibility for control of unlisted weeds.