

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



REMOVE 250 EC

Reg. No. L 9437 Act/Wet No. 36 of/van 1947

1:23/1/2014-May2017

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

'n Onkruidodder geformuleer as 'n emulgeerbare konsentraat, vir die beheer van breëblaaronkruid en sekere eenjarige grasse in gewasse soos aangedui.

ACTIVE INGREDIENT / AKTIEWE BESTANDEEL

oxadiazon (oxadiazole) **250 g/l** oksadiason (oksadiasool)

HRAC HERBICIDE GROUP CODE **E** HRAC ONKRUIDDODER GROEPKODE



villa

Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1992/002474/07

PO Box / Posbus 10413, Aston Manor, 1630

Tel: 011 396 2233

Website / Webblad: www.villacrop.co.za

UN Number: 1993

Willow Set & Print 011 394-4486



**CAUTION
VERSIGTIG**



DIRECTIONS FOR USE ENCLOSED

Batch number: **REFER TO DETAILS PRINTED ON CONTAINER/BAG**
Lotnummer:

GEBRUIKSAANWYSINGS INGESLUIT

Date formulated: **VERWYS NA BESONDERHEDE**
Formuleringsdatum: **GEDRUK OP HOUER/SAK**

REMOVE 250 EC

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ACTIVE INGREDIENT / AKTIEWE BESTANDEEL:

oxadiazon (oxadiazole)

.....250 g/l

oksadiason (oksadiasool)

Registration holder / Registrasiehouer:

VILLA CROP PROTECTION. (PTY) LTD

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 10413, ASTON MANOR, 1630.

Tel. (011) 396 2233

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

- Poisonous when swallowed or inhaled.
- May cause mild skin irritation.
- May cause eye irritation.
- Toxic to bees.
- Harmful to fish.
- **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

- Avoid inhalation of the spray mist or fumes.
- Avoid eye and skin contact.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, cold water for at least 20 minutes, holding the eyelid(s) open. If irritation persists obtain medical attention.
- Wash with soap and water after use and after accidental skin contact.
- Wash contaminated clothing after use.
- 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** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe way.

- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE WARNING

REMOVE 250 EC is a group code E herbicide. Any weed population may contain individuals naturally resistant to **REMOVE 250 EC** and any 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 **REMOVE 250 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 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.

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
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.