

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Herbicide



ADEQUATE 240 SL

Reg. No. L 10138 Act/Wet No. 36 of/van 1947  
N-AR 1893 / W 1301117

1: 1/9/2016 – Mar2019

*A water soluble, systemic herbicide with residual activity for control of woody plants, as listed, in grazing and conservation areas plus areas that are not used for crop production.*

*'n Wateroplosbare, sistemiese onkruidodder met residuele aksie vir beheer van houtagtige plante, soos gelys, in weiding en bewaringsgebiede asook areas wat nie vir gewasproduksie gebruik word nie.*

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

picloram (pyridine carboxylic acid) as potassium salt.....240 g/l  
pikloram (piridien karboksiesuur) as kaliumsout

HRAC HERBICIDE GROUP CODE **O** HRAC ONKRUIDDODER GROEPCODE



**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](http://www.villacrop.co.za)

UN Number: 3082

Willow Set & Print 011 394-4486



CAUTION  
VERSIGTIG



GEBRUIKSAANWYSLINGS INGESLUIT

VERWYS NA BESONDERHEDE  
GEDRUK OP HOUER/SAK

Date formulated:  
Formuleringsdatum:

REFER TO DETAILS PRINTED  
ON CONTAINER/BAG

DIRECTIONS FOR USE ENCLOSED

Batch number:  
Lotnommer:

**ADEQUATE 240 SL**

Reg. No. L 10138 / N-AR 1893 / W 1301117 Act/Wet No. 36 of/van 1947  
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**VILLA CROP PROTECTION (PTY) LTD.**

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

PO Box / Posbus 10413,

ASTON MANOR, 1630, Tel. (011) 396 2233

**CAUTION / VERSIGTIG****WARNINGS**

- Handle with care.
- Poisonous by swallowing.
- Highly toxic to aquatic organisms
- Avoid contact with eyes, product may cause severe eye irritation.
- Avoid contact with skin as this may cause sensitization.
- 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 until spray deposit has dried unless wearing protective clothing.
- **In case of poisoning call a physician and make this label available to him/her.**

**Grazing restrictions:**

- Animals grazing in fields treated with **ADEQUATE 240 SL** should be removed from these fields at least two (2) weeks prior to intended slaughter.
- Lactating dairy animals should not graze areas within two (2) weeks after treatment with **ADEQUATE 240 SL**.
- Applying **ADEQUATE 240 SL** may increase palatability of certain poisonous plants. Do not graze treated areas until poisonous plants are dry and no longer palatable to livestock.

**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**

- Avoid contact with skin and eyes and do not spray mist.
- Wear protective clothing (overall, face shield and rubber gloves) when handling the concentrate and preparing the spray mixture. Wear rubber gloves, overall and boots when applying the prepared spray mixture. Wash protective clothing daily.
- Do not eat, drink or smoke while applying, mixing or before washing hands and face or change of clothing.
- Do not contaminate eating utensils, food, feeds, drinking water or any other water sources.
- In case of accidental eye contact, flush eyes immediately with clean water for at least 15 minutes.
- In case of accidental skin contact, immediately wash thoroughly with soap and water. Contaminated clothing should be removed and washed before being used again.
- Do not use contaminated plants, grass, etc. as compost.
- Excretion of animals grazing in the treated area should not be used as fertilizer.

- Clean 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 the volume of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy 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, feeds, drinking water and eating utensils.

### **USE RESTRICTIONS**

#### **General:**

- Avoid contact with soil in the root zone of the plants or with soil in which plant are to be grown.

### **RESISTANCE WARNING**

**ADEQUATE 240 SL** is a group code O herbicide. Any weed population may contain individuals naturally resistant to **ADEQUATE 240 SL** and other group code O herbicides. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds may not be controlled by **ADEQUATE 240 SL** or any other group code O 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:**

- It is a violation of Government Notice R. 1716 of 26 July 1991 and R. 181 of 7 February 2003 issued in terms of the Fertilizers, Farm Feeds, Agriculture Remedies and Stock Remedies Act 36, 1947 (Act 36 of 1947), to use this product in any way not instructed with its labelling.
- **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 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 **ADEQUATE 240 SL** is registered for use.
- **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, **ADEQUATE 240 SL** 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 re-grow which will require follow-up treatments.

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

- **ADEQUATE 240 SL** is compatible with the surfactant **Summit Super**.
- When **ADEQUATE 240 SL** 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:**

- Mix **ADEQUATE 240 SL** with water and add **Summit Super** according to instructions for the different target species. Once the spray mixture has been well mixed, no further agitation is necessary.
- Do not prepare more mixture than will be used immediately.

**Time of application:**

- Apply only on actively growing plants with full foliage cover after leaves have fully develop.
- Apply when soil moisture is most favourable for plant growth.
- Do not apply to plants suffering from stress conditions such as drought, frost, water flooding, etc.

**APPLICATION INSTRUCTIONS****General:**

- Apply as a complete coverage spot application onto fresh cut stem surfaces.
- Apply only to actively growing plants, up to 2 metres high.
- **Do not apply if rain is likely within three (3) hours.**

**A. Cut Stump treatment:**

- Apply preferably immediately after felling, but definitely within 3 hours.
- Do not apply **ADEQUATE 240 SL** to the stump if the surface is wet from rain or dew.
- Apply with a knapsack, as a coarse spray using solid cone nozzle tips (eg. Spraying System TD-1, Delavan CE 1 or equivalent type) at 100 kPa, low pressure.
- Do not exceed spray height of 20 cm above the cut surface.
- Apply according to directions in the table below.

**APPLICATION RATES****IMPORTANT: REFER TO “DIRECTIONS FOR USE” ABOVE.****A. CUT STUMP APPLICATION**

<i>Target species</i>	<i>Dosage rate per 100 l water</i>	<i>Remarks</i>
Black wattle ( <i>Acacia mearnsii</i> )	1.5 l  <b>PLUS</b>  <b>Summit Super</b> 0.5 % (500 ml per 100 litres or 50 ml per 10 litres spray mixture)	<b>Refer to “DIRECTIONS FOR USE” above.</b>  Apply to low cut stumps (10 to 20 cm high) preferably with a single cut surface. Apply to complete cut surface of stumps with a diameter of less than 10 cm. Where multiple stumps are present, all stumps’ cut surfaces must be treated.  For bigger stumps apply to the cambial region (sapwood) of the cut surface. In all cases, apply until the point of run-off.  A follow-up spray, as a coppice application may be required.
Saligna gum ( <i>Eucalyptus grandis</i> )		

<b>Target species</b>	<b>Dosage rate per 100 l water</b>	<b>Remarks</b>
Black thorn ( <i>Acacia mellifera</i> )	2.0 l  <b>PLUS</b>  <b>Summit Super</b> 0.5 % (500 ml per 100 litres <b>or</b> 50 ml per 10 litres spray mixture)	Apply to low cut stumps (10 to 20 cm high). Apply to complete cut surface until the point of run-off. A follow-up spray as a coppice application may be required.

**NOTE**

**ADEQUATE 240 SL** controls woody tree and shrub species. Other trees and shrubs that were not present during the development trials of this product might also be controlled. However, the registration holder does not accept responsibility for control of unlisted tree and shrub species, or if applied by other means of application that listed in this label.

The following product mentioned in this label may be replaced with equivalent product:

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

**SUMMIT SUPER** and/en **BENEFIT PLUS** are registered products of / is 'n geregistreerde produkte van  
**VILLA CROP PROTECTION (PTY) LTD.**