

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

## Plant Growth Regulator



# DECANOL EC

Reg. No. L 4464 Act/Wet No. 36 of/van 1947

2: 10/06/98 – Jan2017

*A growth regulant with contact action for the control of tobacco suckers.  
'n Groeireguleerder met kontak aksie vir die beheer van tabaksuiers.*

### ACTIVE INGREDIENT / AKTIEWE BESTANDEEL

C10 (n-decanol) **690 g/l** C10 (n-dekanol)



**villa**

Registration holder / Registrasiehouer:  
Universal Crop Protection (Pty) Ltd.  
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07  
PO Box / Posbus 801, Kempton Park, 1620  
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



GEBRUIKSAANWYSYNGS INGESLUIT

VERWYS NA BESONDERHEDE  
GEDRUK OP HOUER/SAK

Date formulated:  
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED  
REFER TO DETAILS PRINTED  
ON CONTAINER/BAG

Batch number:  
Lotnommer:

**DECANOL EC**

Reg. No. L 4464 Act/Wet No. 36 of/van 1947

**ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:**

C 10 (n-decanol / n-dekanol)..... 690 g/l

Registration holder / Registrasiehouer:

**UNIVERSAL CROP PROTECTION (PTY) LTD.**

Co. Reg. No. 1984/0081844/07 Mpy. Reg. Nr.

PO Box / Posbus 801, ASTON MANOR, 1630

Tel. (011) 396 2233

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

- Handle with care.
- May cause skin and eye irritation.
- Store under lock and key in a cool place.
- Store away from food, feeds, seed, fertilizers and other agricultural chemicals.
- 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, 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**

- Do not inhale fumes or spray mist.
- Wash with soap and water after use or after accidental skin contact.
- Flush contamination out of eyes with clean water for at least 15 minutes.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face and change of clothing.
- Prevent spray drift and/or contamination onto susceptible crops, grazing, rivers, dams and any other areas not under treatment.
- Clean application equipment after use. Do not dispose of wash water where it can contaminate other crops, 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 container by perforation and flattening and dispose of it in a safe way.
- **Do not** re-use the empty container for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

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

- Do not mix with other chemicals.
- Do not apply to plants recently treated with insecticides and herbicides.

**Recommendations:**

- Top the tobacco plants when they are in early flowering stage.
- Immediately remove any suckers over 20 mm in length by hand.

- Apply **DECANOL EC** before the suckers have reached a length of 20 mm.
- Ensure that the tobacco plants are in an upright position thus allowing the diluted emulsion to flow evenly down the stalk to come into contact with every sucker in each of the leaf axils.
- Apply the solution as soon as possible, after the above steps have been taken, preferably within two days.
- Do not apply if the plants are wet due to rain or dew. Wait for plants to dry before treating. Rainfall within two hours of application will reduce the effectiveness.
- Do not apply in the middle of the day in very hot weather when temperatures exceed 30 °C, as leaf scorching may occur.
- Do not apply to wilted plants.
- Injury may occur if the solution is applied to the underside of the leaf, thus leaves must be turned over before application.
- Stop application by knapsack sprayer if the wind speed exceeds 15 km per hour.

#### Method of application:

- Add the required amount of **DECANOL EC** to your spray tank and then add the water to prepare the diluted emulsion.
- In order to obtain the best results, it is important that the water be added to the **DECANOL EC** rather than the **DECANOL EC** to the water.
- **DECANOL EC** may be applied either by means of a knapsack sprayer using a coarse solid cone nozzle, held about 15 to 20 cm above the top of the leaves of the plant, or by hand pouring the material onto the stems of the plant.
- A coarse spray is recommended. Where a knapsack sprayer is used, a low pressure of 100 to 150 kPa is maintained and the lance is held over the plant, long enough to allow the diluted emulsion to run down to the base of the plant to ensure contact with all the suckers. Excess material will not damage the plant, but is wasted.
- The alternative method of hand pouring may be done either by using a container, which applies 10 to 15 ml or by using a bottle fitted with a copper tube designed to give the correct amount, or by a dosing gun.

#### Application rates:

- **DECANOL EC** should be diluted at the rate of 1 part of **DECANOL EC** to 24 parts of water.
- Depending on the size of the plants, apply 10 to 15 ml of this mixture per plant.
- If the mixture is allowed to stand for an extended period of time, the diluted emulsion may separate. It is therefore advisable to prepare the mixture prior to application.
- Stir well to ensure good blending.

<i>Quantity of mixture per plant</i>	<i>Quantity for 1000 plants:</i>	
	<i>Concentrate</i>	<i>Total volume of mixture</i>
10 ml	400 ml	10 l
12.5 ml	500 ml	12.5 l
15 ml	600 ml	15 l

**DECANOL EC** should give good sucker control for at least 3 weeks with a single application. Since the treated suckers do not grow vigorously, a single hand suckering after treatment should suffice. (A second hand suckering may be necessary to remove any suckers passed over).