



## Plant Growth Regulator

# DECANOL EC

Reg. No. L 4464 Act No. 36 of 1947

4: 17/01/2023 – June 2023

A growth regulant with contact action for the control of tobacco suckers.

### ACTIVE INGREDIENT

C 10 (n-decanol) 690 g/l



**DANGER**

#### Hazard statements:

May be harmful in contact with skin.  
Causes serious eye irritation.  
Harmful to aquatic life with long lasting effects.

#### Precautionary statements:

Wash skin and eyes thoroughly after handling.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.



**villa** 

UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.  
Co. Reg. No. 1983/008184/07  
PO Box 801, Kempton Park, 1620  
Tel. (011) 396 2233  
Website: [www.villacrop.co.za](http://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:

**DECANOL EC**

Reg. No. L 4464 Act No. 36 of 1947

**ACTIVE INGREDIENT:**

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

Registration holder:

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

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

PO Box 801, ASTON MANOR, 1630

Tel. (011) 396 2233

**WARNINGS****Hazard statements:**

May be harmful in contact with skin.
Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

- Handle with care.
- 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****Precautionary statements:**

Wash skin and eyes thoroughly after handling.
Avoid release to the environment.
Wear impervious rubber gloves and chemical safety goggles.
IF ON SKIN: Wash with plenty of water and soap.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
Take off contaminated clothing and wash it before reuse.
If eye irritation persists: Get medical attention.
Collect spillage.
Dispose of contents/container in accordance with local regulations.

- Do not inhale fumes or spray mist.
- 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 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 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](http://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, feedstuffs, drinking water and eating utensils.

Relevant hazardous components	
n-Decanol	690 g/l

### **FIRST AID TREATMENT**

- **Inhaled:** Remove person from contaminated area to fresh air and assist breathing as needed. Keep affected person warm and at rest. Seek medical attention if irritation occurs or person feels unwell after inhalation.
- **Skin contact:** Remove contaminated clothing, shoes and leather goods. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. Obtain medical attention if irritation persists. Persons who become sensitized may require specialized medical management with anti-inflammatory agents.
- **Eye contact:** Flush eyes with clean water for at least 15 – 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if irritation persists or person feels unwell.
- **If ingested:** Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.

### **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).