

READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Plant Growth Regulator



# BACSTOP 330 EC

Reg. No. L 6529 Act 36 of 1947

P: 29/09/2023 – Nov2023

An emulsifiable concentrate tobacco sucker control agent for the control of sucker growth in flue-cured and air-dried tobacco.

## ACTIVE INGREDIENT

pendimethalin (dimitroaniline) 330 g a.i./ℓ



**DANGER**

### Hazard Statements:

May be fatal if swallowed and enters airway.  
Causes mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Harmful if inhaled.  
Very toxic to aquatic life with long lasting effects.

### Precautionary Statements:

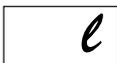
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.  
Avoid release into the environment.

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:



**villa** 

UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.  
Co. Reg. No. 1983/008184/07  
65 Botes Road, Glen Marais, Kempton Park, 1619  
Tel. (011) 396 2233  
Website: [www.villacrop.co.za](http://www.villacrop.co.za)

IN CASE OF POISONING / 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)

**BACSTOP 330 EC**

Reg. No. L6529 Act No. 36 of 1947

**ACTIVE INGREDIENT:**

pendimethalin (dimitroaniline) ..... 330 g/l

Registration holder:

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

Co. Reg. No. 1983/008184/07

P.O. Box 801

KEMPTON PARK, 1620 Tel. (011) 396 2233

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

|   |
|---|
| May be fatal if swallowed and enters airway.          |
| Causes mild skin irritation.                          |
| May cause an allergic skin reaction.                  |
| Causes serious eye damage.                            |
| Harmful if inhaled.                                   |
| Very toxic to aquatic life with long lasting effects. |

- Store in a cool place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.

**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 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 furthermore 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****Precautionary statements:**

|   |
|---|
| Avoid breathing fumes, mists, vapours or spray.   |
| Wash hands thoroughly after handling. Do not touch eyes.  |
| Use only outdoors or in a well-ventilated area.   |
| Contaminated work clothing should not be allowed out of the workplace.  |
| Avoid release into 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 OR IN EYES: Get medical help.  |
| 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 or rash occurs: Get medical help.  |
| Collect spillage.   |
| Store locked up.  |
| Dispose of content/container to suitable landfill in accordance with local regulations.   |

- Avoid contact with eyes.
- Wash contaminated clothes.
- Do not eat, drink or smoke whilst preparing or applying the mixture, or before washing face and hands.
- Avoid contamination of other crops, grazing, rivers, dams and any area not under treatment.

- **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](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 food utensils.

| <b>Relevant hazardous components</b>   |          |
|--|----------|
| <b>Pendimethalin technical</b>   | 330 g/ℓ  |
| Calcium Dodecyl-benzenesulfonate blended with 2-methylpropan-1-ol and exthoxylated alkylarylphenol | <100 g/ℓ |
| Heavy aromatic solvent   | <600 g/ℓ |

### **FIRST AID TREATMENT**

- **Skin:** Remove contaminated leather goods, clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation or rash occurs.**
- **Eyes:** 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.**
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. **Seek medical attention if you feel unwell after inhalation.**
- **Ingestion:** **Seek medical attention immediately** or call a poison control centre for treatment advice. **Do NOT induce vomiting due to the aromatic solvent.** Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.
- **Advice to physician:** Treat symptomatically and supportively. No specific antidote known.

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

#### **Recommendations:**

- Top the tobacco plants when they are in the early flowering stage.
- Top low enough, to ensure that the uppermost tip leaves are fully expanded. Leaves not fully expanded will be damaged.
- Remove any suckers exceeding 20 mm in length by hand, because unsatisfactory control may occur if suckers exceed this length.
- 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 leaf sucker in each of the leaf axils. Suckers that escape treatment should be removed by hand later.
- Apply the solution immediately after the steps above have been taken.

### **IMPORTANT NOTES**

#### **Compatibility:**

- Compatibility of **BACSTOP 330 EC** with other pesticides or chemicals is unknown. Do not mix or apply simultaneously with other pesticides or chemicals.
- **Wind:**
  - Do not treat if the wind blows strong enough to turn over the top leaves exposing the underside. Leaf injury and poor coverage of sucker buds may result.
- **Rain/Dew:**
  - Do not apply just before or during rain, nor when plants are wet from rain, irrigation or dew. Wait for plants to dry before treating.
  - Rainfall within one hour of application will reduce the effectiveness of **BACSTOP 330 EC** and may necessitate a repeat application.
- **Drought/Heat:**
  - Do not apply to wilted plants as leaf scorching and similar injury may occur.

### **APPLICATION RATES**

- **Add 150 ml BACSTOP 330 EC to 10 litres of water.**
- It is essential that the **BACSTOP 330 EC** is thoroughly mixed with the water to obtain best results.

- Apply a sufficient amount of the diluted emulsion to each plant, to ensure flow into each leaf axil (approximately 8 to 15 ml per plant).

#### **METHOD OF APPLICATION**

- Apply the diluted emulsion by means of measuring cups or any other similar suitable applicator.
- Apply the diluted emulsion from above the plants so that it runs down the stem to the base of the plant and in doing so making contact with all the suckers in each leaf axil.
- Check the application frequently, to ensure that enough diluted emulsion is used to reach the bottom of the plant. Do not allow the emulsion to accumulate at the base of the plant.
- Under certain conditions, vigorous growth of tobacco plants may necessitate a second application of **BACSTOP 330 EC**. If required, the second application should be performed 5 to 7 days after the first application to prevent development of secondary axillary sucker buds.
- Utilize hand suckering after treatment to remove developing suckers that was passed over at the time of treatment, or due to inadequate control by **BACSTOP 330 EC**.