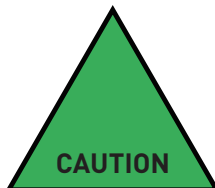


# N-DECTAZOL 79 EC

Reg. No.:  
25-G-8-49  
TRB No.:  
25-28-G-23



CONTENTS:  
5L

HARMFUL IF SWALLOWED

Composition:.....	mass/mass
N-Decanol:.....	79%
Inert ingredients:.....	21%

Chemical group: Plant Growth Regulator

**An emulsifiable concentrate compound for the control of sucker growth on flue-cured and burley tobacco.**

**Manufactured by:**

Shandong Weifang Rainbow Chemical Co., Ltd.  
Binhai Economic Development Area, Weifang, Shandong, China  
Tel: +86-531-88875222, 88875231

**Distributed By:**

Trowbar Enterprises (PVT) LTD. T/A MAGUIRES  
196 Harare Drive, Borrowdale, Harare, Zimbabwe  
+263 (0242) 852 131

**Shelf Life:** Two years from the date of manufacture if stored in a cool dry place in original unopened container.

**Date of Manufacture:**

**Expiry Date:**

**Batch No.:**

**Rainbow**  
all about growing



**PLANT GROWTH  
REGULATOR**

**TO CAUSE A HAZARD IN THE USE, STORAGE OR DISPOSAL OF THIS SUBSTANCE IS AN OFFENCE**

**PRECAUTIONS**

1. Handle with care. Avoid splashing and contact with eyes, nose and mouth.
2. Poisonous by swallowing, inhalation and contact with skin.
3. **WEAR FULL PERSONAL PROTECTIVE EQUIPMENT (PPE)** i.e. rubber gloves, rubber boots, overalls, hood, goggles and respirator when preparing and using with this product.
4. **KEEP APART FROM FOOD AND FOOD STUFFS.**
5. **DO NOT** eat, drink or smoke while preparing and applying this product.
6. On completion of spraying remove personal protective clothing, wash face, hands and body with soap and running water before engaging in any activities.
7. **KEEP OUT OF REACH OF CHILDREN AND UNIFORMED PERSONS.**
8. Dangerous to livestock and domestic pets. Dangerous to aquatic organisms.
9. Store in the original container and **KEEP UNDER LOCK AND KEY.**
10. **DO NOT** contaminate drinking pools, streams, water bodies with the chemical or empty containers.
11. Prevent drift onto other crops and areas not under treatment.

**SYMPTOMS OF POISONING:**

Difficulty in breathing. Dizziness and headache can occur with prolonged exposure. Ingestion may cause gastro intestinal disturbances with nausea, vomiting, diarrhoea, and the odour of alcohol in the excreta. Over-exposure to the product or swallowing excessive amounts may cause irritation.

**FIRST AID:**

**Inhalation:** Move victim to fresh air. If not breathing properly, give artificial respiration. Seek medical attention.

**Skin contact:** Remove contaminated clothing and shoes and launder. Wash thoroughly with soap and running water.

**Eye contact:** Flush immediately with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

**Ingestion:** If swallowed, wash the mouth with water provided person is conscious. Induce vomiting. Obtain medical attention immediately.

**Call Drug and Toxicology Information Services (DATIS) on +263242307148/+26378610098 for more information.**

**NOTE TO PHYSICIAN:**

**Antidote:** There is no specific antidote. Treat symptomatically.

**EMPTY CONTAINER DISPOSAL**

Invert the container over the spray tank or mixing tank. Allow to drain 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 to a minimum of 25% of the container. Add the rinsate to the contents of the spray tank. Destroy the empty container by perforation and flattening. **DO NOT** use for any other purposes. If possible, offer the container for recycling and reuse.

**CLEANING OF APPLICATION EQUIPMENT**

After use, ensure traces of N-Dectazol 79 EC are removed. Use the following method:

- a) Drain and rinse tank, spray boom and hoses with clean water for at least 10 minutes [rinse at least 3 times].
- b) Fill tank with clean water and add to it 1 liter of household bleach (Sodium hydrochlorite, 5%), or 1.5 liter household bleach (sodium hypochlorite 3.5%) per 200 liters of water. Rinse hoses and spray boom and leave in tank for 15 minutes whilst agitating. Drain through nozzle outlets.
- c) Repeat step (b) and after that, rinse thoroughly with water. Dispose of the wash water safely in a collection sump where it will not contaminate crops, grazing, rivers, dams and boreholes.

**WARRANTY:**

The excellent results which this chemical normally yields are not however warranted or guaranteed as the effectiveness can be greatly influenced by factors outside the control of either the manufacturer or the distributor. No warranty whatsoever expressed or implied is therefore given concerning the effectiveness of this chemical. Any responsibility is specifically excluded for any damage, injury or loss of any kind of loss during or resulting from its handling, use or storage whether or not such has been in accordance with label directions.

**DIRECTION FOR USE:** USE AS DIRECTED.

**MIXING INSTRUCTIONS AND APPLICATION RATES:**

● **Rate:** 4 L/ha

● To 1 part of N-Dectazol 79 EC add 25 parts of water.

For every early topping (top leaf less than about 100mm) use a more dilute solution of 1 part N-Dectazol 79 EC to 33 parts water. If the more dilute solution is used, a second application of suckericide will be necessary and it should be diluted as 1 part N-Dectazol 79 EC to 25 parts water. The second treatment is applied once the top leaves have grown sufficiently (100 to 150mm long).

● To ensure satisfactory emulsification, always add the water to the N-Dectazol 79 EC.

● Apply 8-12ml of the diluted emulsion per plant at topping, depending upon the size of the crop. This can be determined by watching the material flow down the stalk and ensuring it reaches the base of the stalk touching every sucker on the way [excess suckericide at the base of the stalk will not do any harm.]

● **DO NOT** allow the mixture to stand for prolonged periods before application.

**APPLICATION TIME:**

Straighten any leaning plants. Remove all suckers over 20mm long.

● **BEFORE TOPPING**

For early sucker control, apply 5ml of N-Dectazol 79 EC to plants about two thirds grown. The suckericide must not be applied to the top of the plant, as it will burn the small developing leaves in the heart. It should be applied to the axil of a reasonably well-developed leaf (about 300mm long). This treatment must be followed by the normal application of suckericide at topping time.

● **AFTER TOPPING**

Top the tobacco plants as soon as the uppermost required leaf is of such size that it will not be damaged by the topping action. Apply diluted emulsion as soon as possible after topping and preferably within 2 days. Even crops can be treated when 10% of plants are at the correct topping stage. Top plants at the correct stage and treat ALL plants within the next 10 days. Uneven crops should be topped and treated as the plants reach the correct stage.

**DO NOT** apply if plants are wet from rain or dew. Allow to dry before treatment. For effective sucker control, there should be no rain for 2 hours after application.

**DO NOT** spray wilted plants, or apply on very hot, sunny days when temperatures are over 30°C as some scorching of leaves may occur. If wind has turned leaves over, these must be returned to their original position before application, as burning can occur on the more tender under-leaf surface.

**APPLICATION METHODS:**

● **KNAPSACK SPRAYER:** Use coarse solid cone nozzle held 150-200mm above top leaves of the plant and a pressure of no more than 150-200 kPa.

● **FERTILIZER CUP:** Pour over top of stalk.

● **DOSAGE GUN:** Apply over top of stalk.

**RE-ENTRY PERIOD**

**DO NOT** enter the treated area for at least 24 hours after treatment.

**COMPATIBILITY**

Apply the recommended mixture on its own. **DO NOT** apply with insecticides, fungicides etc., or apply to plants that have recently been treated with such chemicals, unless experience has shown that it is safe to do so. N-decanol can, however, be mixed with the following aphicides: Dimethoate and Metastox.

