

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Plant Growth Regulator



2,4-D FIX

Reg. No. L 10796 Act 36 of 1947

3:1/9/2022 – Nov2022

A plant growth regulator for prevention of abscission of the calyx on citrus fruit.

ACTIVE INGREDIENT

2,4-D (phenoxy compound, sodium salt) 25 g/l



WARNING

Hazard Statements:

May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

Precautionary Statements:

Avoid release to the environment.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



villa 

UN Number: Not regulated

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

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazzcall24) +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:

2,4-D FIX

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2,4-D (phenoxy compound, sodium salt) 25 g/l

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UNIVERSAL CROP PROTECTION. (PTY) LTD.

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P.O. Box 801, KEMPTON PARK, 1620, Tel. (011) 396 2233

WARNINGS**THE MAXIMUM RESIDUE LEVELS (MRL'S) WILL NOT BE EXCEEDED PROVIDED TREATMENTS ARE APPLIED AS PRESCRIBED.****Hazard statements:**

May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful to aquatic life with long lasting effects.

- Handle with care.
- Keep out of reach of children, uninformed persons and animals.
- Store away from food, and feedstuffs in a cool, dry place.
- Do not handle the treated fruit until the 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 conditions; quality of dilution water, compatibility with other substances not indicated on the label and time and accuracy of the 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 event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Avoid breathing, fumes, mists, vapours or spray. (Respiratory sensitization).
Wash hands thoroughly after handling. Do not touch eyes.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If skin irritation or rash occurs: Get medical help.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent contamination of food, feedstuff, eating utensils and drinking water.
- Thoroughly clean application tanks / baths directly after use and dispose of wash water where it will not contaminate crops, grazing, 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. Do not bury, burn, or donate the container to any other parties that may use it as a container for food or beverages.

- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
2,4 D (Sodium salt)	25 g/l

FIRST AID TREATMENT

Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure. If irritation persists, consult a doctor.

- **Inhalation:** Remove person from contaminated area to fresh air if irritation occurs. Seek medical attention if irritation persists.
- **Skin:** Remove contaminated clothing and wash before re-using. Flush skin with water and then washes with soap and water. **Seek medical attention** if skin irritation persists.
- **Eyes:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention** if irritation persists.
- **Ingestion:** Rinse mouth with water. Seek medical attention or call a poison control centre for treatment advice if the victim feels unwell. 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.

NOTE TO PHYSICIAN

Treat symptomatically and supportively. No specific antidote known.

Mode of Action: 2,4-D Fix that acts as a synthetic plant growth hormone (auxin, e.g., indole-3-acetic acid) causing uncontrolled growth. Biomolecular target site is unknown. It has selective, systemic herbicide, salts that are readily absorbed by roots, whilst esters are readily absorbed by the foliage, translocated throughout the plant via both the symplastic and apoplastic systems with accumulation primarily in the meristematic regions of shoots and roots.

USE RESTRICTIONS

- Refer to the document “*Recommended usage restrictions for plant protection products on Southern African export citrus*” of the CRI about MRL levels for different markets.
- **DO NOT** exceed recommended dosages.

DIRECTIONS FOR USE: Use only as directed.

Application:

- Apply in a drench, fungicide bath or wax.
- Apply within twelve (12) hours after picking for best results.

Mixing instructions:

Drench and fungicide bath: Pre-mix the required quantity of **2,4-D Fix** with a small volume of clean water and add to drench or fungicide bath.

Wax: Add required quantity of **2,4-D Fix** to wax while agitating.

APPLICATION RATES

Fruit Treatment	Dosage Rate	Remarks
Drench and fungicide bath application.	1 to 2 ℓ / 100 ℓ of water	Dip the fruit in a water bath. Refer to the document “ <i>Recommended usage restrictions for plant protection products on Southern African export citrus</i> ” of the CRI about MRL levels for different markets.
Wax	2 ℓ / 200 ℓ of wax	Add required quantity of 2,4-D Fix to wax while agitating.