

Read the label before opening the container.

For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

FRUITFIX

South Africa Reg. No: L11303 Act No. 36 of 1947

FRAC FUNGICIDE GROUP CODE: 12

FRUITFIX is a contact suspension concentrate fungicide for the control of post-harvest diseases in various crops as listed.

ACTIVE INGREDIENT:

Fludioxonil (phenylpyrrole).....230g/ℓ

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

HAZARD STATEMENTS

- Harmful if inhaled
- Very toxic to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS

- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.



Registration holder: Enviro Bio-Chem (Pty) Ltd
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UN No. 3082

Expiry Date:
Batch No:
Date of Manufacture:



WARNINGS:

Withholding periods (Minimum number of days between last application an consumption):

Citrus	1 Day
Pome Fruits (Apples & Pears)	1 Day
Stone Fruits (Apricots, Nectarines, Peaches, Plums)	1 Day

Compliance with these withholding periods will ensure that residues do not exceed local Maximum Residue Limits (MRL), but may not meet the import requirements of other countries. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, MRL and recommended withholding periods. Although FRUITFIX is regarded as crop-safe on most of the important cultivars, this does not mean that a more sensitive cultivar might be available in future. FRUITFIX must be tested on fruit of new cultivars prior to general usage.

- Harmful if inhaled
- Very toxic to aquatic life with long lasting effects.
- Keep out of reach of children, uniformed persons and animals.
- Keep away from food, drink and animal feed.
- Store in cool, dry and well-ventilated area away from direct sunlight.

Although this remedy has been extensively tested under a wide 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 and the occurrence of resistance of the weed against the remedy concerned 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 product concerned due to failure of the user to follow the label instruction 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:

- Avoid breathing dust/fume/gas/mist/vapors/spray.
- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- Get emergency medical help.
- Remove person to fresh air and keep comfortable for breathing.
- Collect spillage.
- Prevent contamination of food, eating utensils, feed and drinking water.
- Avoid release to the environment.
- This material and/or its container must be disposed of as hazardous waste.
- Clean all equipment thoroughly after use and dispose of waste water without polluting the environment.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

RELEVANT SUBSTANCES:

Fludioxonil 23%

Glycol > 10%

RESISTANCE WARNING:

For resistance management, **FRUITFIX** consist of **group code (12)** fungicide. Any fungus population may contain individuals naturally resistant to **FRUITFIX** and other **group code (12)** fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **FRUITFIX** or any other **group code (12)** fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with products from different fungicide group codes.
- For tank mixing or alternation with products in other fungicide group codes, refer to applicable individual product labels,
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

FRUITFIX should always be applied as a preventative treatment. Alternate applications of **FRUITFIX** with other registered fungicides from a different chemical class than phenylpyrrole in the same programme with **FRUITFIX**. Never use a related product in a program with **FRUITFIX**.

FIRST AID TREATMENT:

INGESTION: Immediately call a POISON CENTER or doctor/physician.

SKIN CONTACT: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.

INHALATION: Remove person to fresh air and keep comfortable for breathing.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

DIRECTIONS FOR USE: Use only as directed.

POISONS HELPLINE: 0861 555 777

Compatibility:

Although **FRUITFIX** is compatible with most agrochemicals, a physical compatibility test is always recommended prior to application.

Mixing Instructions:

Application in water:

Half fill the mixing tank with clean water. Shake the **FRUITFIX** container thoroughly immediately before use and pre-mix the required volume in at least 10ℓ water. Pre-mix any other product (s) to be tank mixed in the same way *separately*. While agitating the spray tank water, add the pre-mixed product (s) in the following sequence: wettable powders, water dispersible granules, suspension concentrates and emulsifying concentrates last. Top up the mixing tank with the required quantity clean water whilst agitating. Agitate constantly during application to prevent settling of the product (s).

Wax application:

FRUITFIX does not mix easily with cold water or cold water based waxes, it is necessary to first mixed **FRUITFIX** thoroughly with $\pm$ 350ml warm water ($\pm$ 40°C) before adding to wax in the applicator. After dilution of **FRUITFIX** in wax, stir mixture thoroughly for at least 15 minutes with mixing device. The prepared mixture must be agitated constantly.

APPLICATION TABLE:

CROP	DOSAGE	REMARKS
CITRUS Post-harvest decay caused by green mould (<i>Penicillium digitatum</i>), blue mould (<i>Pencillium italicum</i>)	HIGH VOLUME WATER APPLICATION 260ml/100ℓ water	<i>Dip/drench treatment:</i> Rinse and sanitise fruit according to prescribed procedure with Dide-cyldimethylammonium chloride (Quat ernary ammonium compound) 120g/ℓ or chlorinated water before application of FRUITFIX . Apply FRUITFIX suspension as a dip or drench treatment and ensure fruit contact surface of at least 60 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet. It is important to treat fruit as soon as possible after harvest (within 12 hours). <i>Stir the FRUITFIX solution constantly to prevent settling. Dip tanks can be replenished by adding 260ml FRUITFIX for every 100ℓ of water added. Replace the whole solution when dirty.</i> <i>Applied alone, FRUITFIX should be used when disease pressure is expected to be low to moderate. Under high disease pressure, FRUITFIX should only be used with other postharvest fungicides.</i>
Post-harvest sporulation suppression of Green and Blue mould (<i>Penicillium spp.</i>)	LOW VOLUME WAX APPLICATION 250-500mℓ in 25ℓ wax Application Rate 1ℓ of wax per 1 ton of fruit	Wax application: • Lower rate recommended for lemons. • Higher rate recommended for other citrus. • Apply wax evenly on pre-washed and dried fruit. <i>(See mixing instructions)</i>
POME FRUITS (Apples and Pears) Blue mold (<i>Penicillium expansum</i>), (<i>Penicillium solitum</i>), Grey mould (<i>Botrytis cineria</i>) and Bitter rot (<i>Colletotrichum gloeosporiodes</i>)	130mℓ/100ℓ	<i>Dip/drench treatment:</i> Rinse and sanitise fruit according to prescribed procedure with Didecyldi-methylammonium chloride (Quat ernary ammonium compound) 120g/ℓ or chlorinated water before application of FRUITFIX . Apply FRUITFIX suspension as a drip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet. Stir the FRUITFIX solution constantly to prevent settling. Dip tanks can be replenished by adding 130ℓ FRUITFIX for every 100ℓ of water added. Replace the whole solution when dirty.

CROP	DOSAGE	REMARKS
STONE FRUITS (Apricot, nectarines, peaches, plums and prunes) Brown rot (<i>Monilinia spp.</i>), Grey mould (<i>Botrytis cineria</i>) and Rhizopus rot (<i>Rhizopus-tolonifer</i>)	130mℓ/100ℓ water	<i>Dip/drench treatment:</i> Apply FRUITFIX suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet. Stir the FRUITFIX solution constantly to prevent settling. Dip tanks can be replenished by adding 130mℓ FRUITFIX for every 100ℓ of water added. Replace the whole solution when dirty.
	5-10mℓ /1 000kg fruit	<i>Spray application in water:</i> Mix FRUITFIX in an appropriate volume of water. Apply mixture with a T-Jet or similar Low Volume (mist) application equipment. Stir the solution with FRUITFIX constantly to prevent settling. Ensure that the entire fruit surface is covered. Apply FRUITFIX just once. Important to treat fruit as soon as possible after harvest.
GENERAL INSTRUCTIONS: • Only one post-harvest treatment of FRUITFIX per fruit season. • For optimum control, treat fruit as soon as possible after harvesting. • For effective control, sort out decaying fruit BEFORE treatment. • Ensure that FRUITFIX stays in suspension by constantly stirring the solution. • Sanitise high volume re-cycling tanks after hours by heating to 60°C for 1 hour. • FRUITFIX can be broken down by sunlight, do not store treated fruit in direct sunlight. • Do not discard used fungicide solutions into river or dams.		