

OROCOP™

DUO

READ THE ATTACHED PACKAGED LEAFLET BEFORE USE • KEEP OUT OF REACH OF CHILDREN AND ANIMALS

BOTS W1301704

FUNGICIDE

A suspension concentrate contact fungicide and bactericide for the control of diseases on crops as indicated.

GROUP

M1

FUNGICIDE

HAZARD STATEMENTS:

- Harmful if swallowed
- Harmful in contact with the skin
- Causes serious eye irritation
- May cause damage to organs through prolonged or repeated exposure (kidneys)
- Very toxic to aquatic life with long-lasting effects

PRECAUTIONARY STATEMENTS:

- Wash thoroughly after use
- Do not eat, drink or smoke while handling this product
- Avoid the drift of spray to the environment
- Wear rubber gloves / protective clothing / eye protection/ face shield



WARNING

ACTIVE INGREDIENTS

Copper Oxychloride

300 g / ℓ

(metallic copper equivalent)

170 g / ℓ

MANUFACTURED BY:

Oro Agri SA (Pty) Ltd.

REG. No 2001/027414 / 07

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DISTRIBUTED BY:

Agrichem SR

ADDRESS

Lot 28, Unit #6, AgriPark,
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SEE CONTAINER FOR:

**NET MASS / BATCH NO. /
MANUFACTURING DATE**



WARNINGS

- HARMFUL IF SWALLOWED. HARMFUL IN CONTACT WITH SKIN
- CAN CAUSE SERIOUS EYE IRRITATION
- MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE (KIDNEYS)
- VERY TOXIC TO AQUATIC LIFE WITH LONG-LASTING EFFECTS
- Pre-harvest interval (PHI)
 - Avocados: 14 days
 - Mangoes: 14 days
 - Potatoes: 14 days
 - Beans: 3 days
 - Cucurbits: 3 days
 - Peaches and Nectarines: 14 days
 - Tomatoes: 3 days

PRECAUTIONS

- WASH THOROUGHLY AFTER USE. DO NOT EAT, DRINK OR SMOKE WHILE HANDLING THIS PRODUCT.
- AVOID THE DRIFT OF SPRAY TO THE ENVIRONMENT.
- WEAR RUBBER GLOVES / PROTECTIVE CLOTHING / EYE PROTECTION / FACE SHIELD.
- IN CASE OF SWALLOWING, RINSE MOUTH.
- IN CASE OF SKIN CONTACT: WASH WITH PLENTY OF WATER AND SOAP. IF YOU FEEL ANY DISCOMFORT, CONTACT THE INFORMATION CENTRE/ DOCTOR.
- IN CASE OF EYE CONTACT: RINSE CAREFULLY WITH WATER FOR SEVERAL MINUTES. IF WEARING CONTACT LENSES, REMOVE THEM IF NOT TOO DIFFICULT. CONTINUE TO RINSE.
- COLLECT SPILLED MATERIAL, WHILST WEARING APPROPRIATE PPE.
- IF YOU FEEL DISCOMFORT, PLEASE CALL THE INFORMATION CENTRE/ DOCTOR.
- CLEAN APPLICATOR AFTER USE AND DISPOSE OF WATER WHERE IT WILL NOT CONTAMINATE RIVERS, DAMS, GRAZING, AND CROPS
- TRIPLE RINSE STATEMENT:
 - Fill with one-quarter of clean water
 - Shake for 30 seconds
 - Decant into spray tank for 30 seconds
- Empty all pesticides from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds
- NEVER USE THE CONTAINER FOR ANY OTHER PURPOSE. Puncture the rinsed container to render it useless and send it to a CropLife SA-approved recycler. PET containers cannot be recycled and must be incinerated after cleaning

DISCLAIMER: 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 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 OR REGISTRATION HOLDER IN THE EVENT OF ANY UNCERTAINTY.

FIRST AID

- **IN CASE OF INHALATION:**

Remove person into fresh air, if not breathing, give artificial respiration. Seek medical attention if you feel unwell.

- **IN CASE OF SKIN CONTACT:**

Wash off with soap and plenty of water for at least 15 minutes. Seek medical attention if irritation occurs.

- **IN CASE OF EYE CONTACT:**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing. Seek medical attention if irritation occurs.

- **IN CASE OF INGESTION:**

Seek medical attention. Do NOT induce vomiting unless directed to do so by a doctor. Never give anything by mouth to an unconscious person. Seek medical attention if you feel unwell.

RESISTANCE WARNING STATEMENT

- **OROCOP™ DUO** is a FRAC group code M1 fungicide. Any disease population may contain individuals naturally resistant to **OROCOP™ DUO** and other FRAC group code M1 fungicides. The resistant individuals can eventually dominate the population if these fungicides are used repeatedly. The resistant fungi may not be controlled by **OROCOP™ DUO** or any other FRAC group code M1 fungicide.

- **TO DELAY FUNGICIDE RESISTANCE:**

Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes. Integrate other control methods (chemical, cultural, biological) into disease control programs. For specific information on resistance, management contact the registration holder of this product.

DIRECTIONS FOR USE

- USE ONLY AS DIRECTED

COMPATIBILITY

- The compatibility of **OROCOP™ DUO** with other agrochemicals and foliar-applied nutrients is not well known. Do not use **OROCOP™ DUO** in tank mixtures with other crop protection chemicals or foliar-applied nutrients unless

proven to be safe and compatible. Ensure that the pH of the final spray mixture is not below 6.5 as this may cause phytotoxicity. Do not add any adjuvants to the spray mixture as **OROCOP™ DUO** is formulated with built-in adjuvant.

MIXING INSTRUCTIONS

- Shake the **OROCOP™ DUO** container thoroughly before use.
- Half fill the spray tank with water, activate the agitator, and add the tank mix partners in the following sequence: wettable powder, suspension concentrate, and emulsifiable concentrate. Do not add any adjuvant to the tank mixture.
- Fill the spray tank to the required volume with clean water.
- Maintain agitation throughout the mixing and application.
- Do not leave the spray mixture in any spray or supply tank for any length of time.

GENERAL INSTRUCTIONS

- Apply **OROCOP™ DUO** as a preventative disease control measure.
- Ensure good coverage of all surfaces requiring protection by applying the recommended spray volume with a properly calibrated sprayer fitted with suitable nozzles.
- Shorten spray intervals under conditions favorable for disease development.

PRODUCT COMPOSITION AND METHOD PATENTED

Oro Agri SA (Pty) Ltd (THE COMPANY) WARRANTS THAT THE PRODUCT CONFORMS TO SPECIFICATIONS ON THE LABEL AND IS REASONABLY FIT FOR THE INTENDED PURPOSE REFERRED TO ON THE LABEL. THE COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY. THE COMPANY RECOMMENDS THAT THE USER TESTS THIS PRODUCT ON A PORTION OF THE CROP TO DETERMINE SUITABILITY FOR THE INTENDED USE.

DOSAGE RATES

AVOCADOS

PEST / DISEASE	APPLICATION RATE	REMARKS
Fruit Spot <i>Pseudocercospora purpurea</i>	300 mℓ - 400 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none">• Apply four full cover sprays.• First application shortly after fruit set.• Repeat at 4-week intervals.

BEANS

PEST / DISEASE	APPLICATION RATE	REMARKS
Bacterial blight <i>Xanthomonas phaseoli</i> pv. <i>Phaseoli</i> / <i>Pseudomonas sava</i> . <i>Phaseolicola</i>	300 mℓ - 400 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none">• Apply three to four sprays at 7-14 day intervals starting when the first signs of the disease are observed.

CUCURBITS

PEST / DISEASE	APPLICATION RATE	REMARKS
Powdery mildew <i>Podosphaera xanthii</i> / <i>Erysiphe cichoracearum</i>	400 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none">• Apply three to four sprays at 7-14 day intervals starting when the first signs of the disease are observed.

MANGOES

PEST / DISEASE	APPLICATION RATE	REMARKS
Bacterial black spot <i>Xanthomonas campestris</i> pv. <i>Mangiferaeindicae</i>	300 mℓ - 400 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none">• Apply four full cover sprays at 4-week intervals starting shortly after fruit set.

DOSAGE RATES

POTATOES

PEST / DISEASE	APPLICATION RATE	REMARKS
Early blight <i>Alternaria solani</i>	400 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none"> Follow a preventative program of applications 7-10 days apart. Adjust spray volume from 500 ℓ/ha to 1500 ℓ/ha depending on size of foliage to be covered.
----- Late blight <i>Phytophthora infestans</i>		

PEACHES & NECTARINES

PEST / DISEASE	APPLICATION RATE	REMARKS
Leaf curl <i>Taphrina deformans</i>	400 mℓ - 600 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none"> Apply the first spray at 70-80% Leaf drop in autumn. Follow up with two more sprays 7 days apart at early budswell and budswell in spring.

PEST / DISEASE	APPLICATION RATE	REMARKS
Early blight <i>Alternaria solani</i> & Late blight <i>Phytophthora infestans</i>	300 mℓ - 400 mℓ OROCOP™ DUO per 100 ℓ water	<ul style="list-style-type: none"> Follow a preventative program of applications 7-10 days apart. Adjust spray volume from 500 ℓ/ha to 1500 ℓ/ha depending on the size of foliage to be covered.
----- Bacterial speck & spot <i>Pseudomonas syringae pv tomato/</i> <i>Xanthomonas campestris</i>		