OROCOP™ DUO

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

ACT / WET 36 / 1947 REG. No: ZAR L10953 NAM N-AR 2202

FUNGICIDE

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

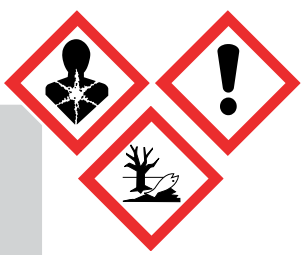
GROUP	M1	FUNGICIDE

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**

REGISTRATION HOLDER:

Oro Agri SA (Pty) Ltd.

REG. № 2001/ 027414 / 07 UN №: 3082

POST 1 Henry Vos Close, ASLA Park, Strand, 7137

EMAIL info_sa@oroagri.com

WEB www.oroagri.co.za

TEL +27 21 850 0667

GRIFFON POISON INFO CENTRE +27 82 446 8946

SEE CONTAINER FOR:

NETMASS/BATCHNO./MANUFACTURINGDATE

Rovensa Next

OROCOP™ DUO

ACT 36 / 1947 REGISTRATION ZAR L10953 NAM N-AR2202

FUNGICIDE

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

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.

RELEVANT SUBSTANCES

- Copper Oxychloride tech > 5 %; Linear Benzene Sulphonic Acid > 1 %; Mono Ethylene Glycol > 1%; Proxell GXL > 1 %; Sweet orange oil > 1 %; Sodium Olefin C14-17 Alkyl Sulfonate > 1 %; Secondary alcohol ethoxylate > 1 %; Sodium lauryl ether sulphate > 1 %; Sodium hydroxide < 1 %; 1,2-benzisothiazol-3(2H)-one > 0.05 %.

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FUNGICIDE

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

COMPATABILITY

- 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.

OROCOP™ DUO

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FUNGICIDE

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 · PRODUKSAMESTELLING EN -METODE GEPATENTEER

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.

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DOSAGE RATES

AVOCADOS

PEST / DISEASE	APPLICATION RATE	REMARKS
Fruit Spot *Pseudocercospora purpurea*	**300 mℓ - 400 mℓ** **OROCOP™ DUO** per 100 ℓ water	• Apply four full cover sprays. • First application shortly after fruit set. • Repeat at 4-week intervals.

MANGOES

PEST / DISEASE	APPLICATION RATE	REMARKS
Bacterial Black Spot *Xanthomonas campestris pv. Mangiferaeindicae*	**300 mℓ - 400 mℓ** **OROCOP™ DUO** per 100 ℓ water	• Apply four full cover sprays at 4-week intervals starting shortly after fruit set.

POTATOES

PEST / DISEASE	APPLICATION RATE	REMARKS
Early Blight *Alternaria solani* **Late Blight** *Phytophthora infestans*	**400 mℓ** **OROCOP™ DUO** per 100 ℓ water	• Follow a preventative program of applications 7 to 10 days apart. • Adjust spray volume from 500 ℓ/ha to 1500 ℓ/ha depending on size of foliage to be covered.

OROCOP™ DUO

LEES DIE AANGEHEGTE VERPAKTE ETIKET VOOR GEBRUIK • HOU BUITE BEREIK VAN KINDERS EN DIERE

ACT / WET 36 / 1947 REG. No: ZAR L10953 NAM N-AR 2202

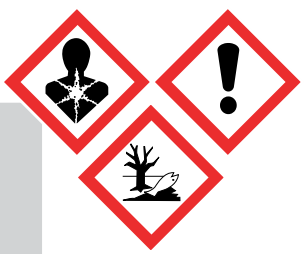
SWAMDODER

'n Suspensie konsentraat kontak swam- en bakteriedoder vir die beheer van siektes op gewasse soos aangedui.

GROEP	M1	SWAMDODER

GEVAARSTELLINGS:
- Skadelik indien ingesluk
- Skadelik in kontak met die vel
- Veroorsaak ernstige oogirritasie
- Mag skade aan organe veroorsaak deur langdurige of herhaalde blootstelling (niere)
- Baie giftig vir waterlewe met langdurige effekte

VOORSORGSTELLINGS:
- Was deeglik na gebruik
- Moenie eet, drink of rook terwyl hierdie produk hanteer word nie
- Vermy die wegdrywing van spuitnewel na die omgewing
- Dra rubberhandskoene / beskermende klere / oogbeskerming / gesigskerm



WAARSKUWING

AKTIEWE BESTANDDELE

Koper Oksichloried	**300 g/ℓ**
(metaal koper ekwivalent)	**170 g/ℓ**

REGISTRASIE HOUER:

Oro Agri SA (Pty) Ltd.

REG. № 2001/ 027414 / 07 UN №: 3082

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EMAIL info_sa@oroagri.com

WEB www.oroagri.co.za

TEL +27 21 850 0667

GRIFFON POISON INFO CENTRE +27 82 446 8946

SIEN HOUER VIR:

NETTO MASSA / LOT NO. / VERVAARDIGINGSDATUM

Rovensa Next

OROCOP™ DUO

WET 36 OF/VAN 1947 ZAR L10953 NAM N-AR2202

SWAMDODER

WAARSKUWINGS

- SKADELIK INDIEN INGESLUK. SKADELIK IN KONTAK MET DIE VEL.
- VEROORSAAK ERNSTIGE OOGIRRITASIE
- MAG SKADE AAN ORGANE VEROORSAAK DEUR LANGDURIGE OF HERHAALDE BLOOTSTELLING (NIERE).
- BAIE GIFTIG VIR WATERLEWE MET LANGDURIGE EFFEKTE.
- Voor-oes interval (PHI):

  - Avokado's: 14 dae

  - Mango's: 14 dae

  - Aartappels: 14 dae

VOORSORGMAATREËLS

- WAS DEEGLIK NA GEBRUIK. MOENIE EET, DRINK OF ROOK TERWYL HIERDIE PRODUK HANTEER WORD NIE.
- VERMY DIE WEGDRYWING VAN SPUITNEUWEL NA DIE OMGEWING.
- DRA RUBBERHANDSKOENE / BESKERMENDE KLERE / OOGBESKERMING / GESIGSKILD.
- INNAME: SPOEL MOND.
- IN GEVAL VAN VEL KONTAK: WAS MET BAIE WATER EN SEEP. INDIEN JY ENIGE ONGEMAK VOEL, KONTAK DIE INLIGTINGSENTRUM/DOKTER.
- IN GEVAL VAN OOG KONTAK: SPOEL VERSIGTIG MET WATER VIR ETLIKE MINUTE. INDIEN KONTAKLENSE DRA, VERWYDER DIT INDIEN NIE TE MOEILIK NIE. GAAN VOORT OM TE SPOEL.
- VERSAMEL GEMORSTE MATERIAAL.
- INDIEN JY ONGESTELD VOEL, SKAKEL ASSEBLIEF DIE INLIGTINGSENTRUM/ DOKTER. - BLYWENDE EFFEKTE.
- REINIG SPUITAPPARAAT NA GEBRUIK EN DOEN WEG MET SPOELWATER WAAR DIT NIE RIVIERE, DAMME, WEIDING OF GEWASSE SAL BESOEDEL NIE.
- Maak plaagdoder houer deeglik skoon deur dit onderstebo oor die spuittenk te plaas en vir ten minste 30 sekondes daar te hou. Plaas hierdie teks na die drievoudige spoelverklaring.
- DRIEVOUDIGE SPOELVERKLARING:

  - Vul met 'n kwart skoon water

  - Skud vir 30 sekondes

  - Laat in spuittenk uitloop vir 30 sekondes
- MOET NOOIT DIE HOUER VIR ENIGE ANDER DOEL GEBRUIK NIE.. Kap die uitgespoelde houer vol gate om dit nutteloos te maak en stuur dit na 'n CropLife SA-goedgekeurde herwinner. PET-houers kan nie herwin word nie en moet na skoonmaak verbrand word.

VRYWARING: Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie omdat die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale klimaats- en bergingstoestande; kwaliteit van verdunningswater; verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie, asook deur die metode, tyd en akkuraatheid van die toediening. Die registrasiehouer aanvaar verder nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of skade aan mens of dier of vir gebrekkige werkverrigting van die betrokke middel as gevolg van die versuim van die gebruiker om die etiketinstruksies te volg of weens die voorkoms van toestande nie, wat nie in terme van die registrasie voorsien kon word nie.

RAADPLEEG DIE VERSKAFFER OF REGISTRASIEHOUER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

RELEVANTE STOWWE

- Copper Oxychloride tech > 5 %; Linear Benzene Sulphonic Acid > 1 %; Mono Ethylene Glycol > 1%; Proxell GXL > 1 %; Sweet orange oil > 1 %; Sodium Olefin C14-17 Alkyl Sulfonate > 1 %; Secondary alcohol ethoxylate > 1 %; Sodium lauryl ether sulphate > 1 %; Sodium hydroxide < 1 %; 1,2-benzisothiazol-3(2H)-one > 0.05 %.

NOODHULP

- **IN DIE GEVAL VAN INASEMING:**

  Verwyder persoon na vars lug, indien nie asemhaal nie, gee kunsmatige asemhaling. Soek mediese hulp as jy onwel voel.

- **IN GEVAL VAN VELKONTAK:**

  Was af met seep en baie water vir ten minste 15 minute. Soek mediese hulp indien irritasie voorkom.

- **IN GEVAL VAN OOGKONTAK:**

  Spoel oë onmiddellik uit met baie water vir ten minste 15 minute. Verwyder kontaklense na die aanvanklike 1-2 minute en gaan voort met spoel. Soek mediese hulp indien irritasie voorkom.

- **IN DIE GEVAL VAN INNAME:**

  Soek mediese hulp. MOENIE braking veroorsaak nie, tensy 'n dokter beveel om dit te doen. Moet nooit iets per mond aan 'n bewustelose persoon gee nie. Soek mediese hulp indien jy onwel voel.

WEERSTANDSWAARSKUWING

- **OROCOP™ DUO** is 'n FRAC groepkode M1 swamdoder. Enige siekte populasie mag individue bevat wat natuurlik weerstandbiedend is teen **OROCOP™ DUO** en ander FRAC groepkode M1 swamdoders. Die weerstandbiedende individue kan uiteindelik die populasie oorheers indien hierdie swamdoders herhaaldelik gebruik word. Die weerstandbiedende swamme sal dalk nie deur **OROCOP™ DUO** of enige ander FRAC groepkode M1 swamdoder beheer word nie.

- **OM WEERSTAND TEEN SWAMDODERS TE VERTRAAG:**

  Vermy eksklusiewe herhaaldelike gebruik van swamdoders van dieselfde swamdoder groepkode. Wissel af met of tenkmengsels van geregistreerde produkte van verskillende swamdoder groepkodes. Integreer ander beheermetodes (chemies, verbouing, biologies) in siektebeheerprogramme. Vir spesifieke inligting oor weerstand, kontak die registrasiehouer van hierdie produk.

GEBRUIKSAANWYSINGS

- GEBRUIK SLEGS SOOS AANGEDUI

VERENIGBAARHEID

- Die verenigbaarheid van **OROCOP™ DUO** met ander landbouchemikalieë en blaartoegediende voedingstowwe is nie goed bekend nie. Moet nie **OROCOP™ DUO** in tenkmengsels met ander gewasbeskermingschemikalieë of blaartoegediende voedingstowwe gebruik nie, tensy bewys is dat dit veilig en verenigbaar is. Maak seker dat die pH van die finale spuitmengsel nie onder 6.5 is nie aangesien dit fitotoksisiteit kan veroorsaak. Moenie enige byvoegmiddels by die spuitmengsel voeg nie aangesien **OROCOP™ DUO** met ingeboude byvoegmiddel geformuleer is.

OROCOP™ DUO

WET 36 OF/VAN 1947 ZAR L10953 NAM N-AR2202

SWAMDODER

MENGINSTRUKSIES

- Skud die **OROCOP™ DUO**-houer deeglik voor gebruik.
- Maak die spuittenk halfvol met water, aktiveer die roerder en voeg die tenkmengselvennote in die volgende volgorde by: benatbare poeier, suspensiekonsentraat en emulgeerbare konsentraat. Moenie enige byvoegmiddel by die tenkmengsel voeg nie.
- Vul die spuittenk tot die verlangde volume met skoon water.
- Handhaaf roering regdeur die vermenging en toediening.
- Moenie die spuitmengsel vir enige tyd in enige spuit- of toevoertenk laat nie.

ALGEMENE INSTRUKSIES

- Dien **OROCOP™ DUO** toe as ‘n voorkomende siekte-beheermaatreël.
- Verseker goeie bedekking van alle oppervlaktes wat beskerming benodig deur die aanbevole spuitvolume toe te dien met ‘n behoorlik gekalibreerde spuit wat toegerus is met geskikte spuitpunte.
- Verkort spuitintervalle onder toestande wat gunstig is vir siekte-ontwikkeling.

PRODUCT COMPOSITION AND METHOD PATENTED · PRODUKSAMESTELLING EN -METODE GEPATENTEER

ORO AGRI SA (EDMS) BPK (DIE MAATSKAPPY) WAARBORG DAT DIE PRODUK VOLDOEN AAN SPESIFIKASIES OP DIE ETIKET EN REDELIK GESKIK IS VIR DIE BEOOGDE DOEL WAT OP DIE ETIKET VERWYS IS. DIE MAATSKAPPY GEE GEEN ANDER UITDRUKLIKE OF GEÏMPLISEERDE WAARBORG NIE. DIE MAATSKAPPY BEVEEL AAN DAT DIE GEBRUIKER HIERDIE PRODUK TOETS OP ‘N GEDEELTE VAN DIE GEWAS OM GESKIKTHEID VIR DIE BEOOGDE GEBRUIK TE BEPAAL. KOPIEREG © JANUARIE 2022 · ORO AGRI SA (EDMS) BPK · ALLE REGTE VOORBEHOU ·
WWW.OROAGRI.CO.ZA OROCOP™ DUO IS ‘N GEREGISTREERDE HANDELSMERK VAN ORO AGRI SA (EDMS) BPK.

DOSISSE

AARTAPPELS

PLAAG / SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
Vroeëroes *Alternaria solani* **Laatroes** *Phytophthora infestans*	**400 mℓ** **OROCOP™ DUO** per 100 ℓ water	• Dien ‘n voorkomende program van toedienings toe met 7 tot 10 dae intervalle. • Pas spuitvolume aan van 500 ℓ/ha tot 1500 ℓ/ha afhangende van grootte van die blaredak.

AVOKADO’S

PLAAG / SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
Vrugtevlek *Pseudocercospora purpurea*	**300 mℓ - 400 mℓ** **OROCOP™ DUO** per 100 ℓ water	• Dien vier voldek bespuitings toe. • Die eerste toediening behoort kort na vrugset plaas te vind. • Herhaal met 4 week intervalle.

MANGO’S

PLAAG / SIEKTE	TOEDIENINGSHOEVEELHEID	OPMERKINGS
Bakteriese Swartvlek *Xanthomonas campestris pv. Mangiferaeindicae*	**300 mℓ - 400 mℓ** **OROCOP™ DUO** per 100 ℓ water	• Dien vier voldek bespuitings toe. • Die eerste toediening behoort kort na vrugset plaas te vind. • Herhaal met 4 week intervalle.