Sien ingeslote voubiljet vir gebruiksaanwysings / See enclosed leaflet for directions for use

PropiCure 250 EC

Reg. No. L9870 Wet / Act No. 36 van/of 1947

'N EMULGEERBARE KONSENTRAAT SISTEMIESE SWAMDODER VIR DIE NA-OES BEHANDELING VAN SITRUS VRUGTE VIR DIE BEHEER VAN GROENSKIMMEL, BLOUSKIMMEL EN SUURVROT

AN EMULSIFIABLE CONCENTRATE SYSTEMIC FUNGICIDE FOR THE POST-HARVEST TREATMENT OF CITRUS FRUIT FOR CONTROL OF GREEN MOULD, BLUE MOULD AND SOUR ROT

FRAC SWAMDODER GROEPKODE 3 FRAC FUNGICIDE GROUP CODE

AKTIEWE BESTANDDEEL: Propikonasool (triasool) **250 g/ℓ** **ACTIVE INGREDIENT:** Propiconazole (triazole)

Registrasiehouer / Registration Holder:

ICA INTERNATIONAL CHEMICALS (PTY) LTD

Batch No:
Date of Manufacture: SEE CONTAINER

Net Volume: SEE CONTAINER

ICA International Chemicals (Pty) Ltd
Reg. No: 2001/013319/07
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UN No: 3082

Group III

CAUTION
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PP002-002

PROPICURE 250 EC

Reg. No. L9870 Act No. 36 of 1947

An emulsifiable concentrate systemic fungicide for the post-harvest treatment of citrus fruit for control of Green mould, Blue mould and Sour rot.

ACTIVE INGREDIENT:

Propiconazole ……………………… 250 g/ℓ

REGISTERED BY:

ICA International Chemicals (Pty) Ltd

Reg. No: 2001/013319/07

PO Box 2312 ◆ STELLENBOSCH ◆ 7601 ◆ South Africa

CAUTION

WARNINGS

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

- Citrus .... *0 days*

Compliance with these withholding periods and below application instructions 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 **PropiCure 250 EC** 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. **PropiCure 250 EC** must be tested on fruit of new cultivars prior to general usage.

- Keep out of reach of children, animals and uninformed persons.
- Harmful if swallowed, do not drink this product.
- If swallowed, seek medical advice immediately and show this container or label.
- Irritating to eyes and skin.
- Store tightly closed in cool, dry and well-ventilated area away from direct sunlight.
- Keep away from food, drink and animal feeding stuff.
- Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- Re-entry interval: Prevent handling treated fruit until dried.

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 and the occurrence of resistance of the disease 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, and the environment or harm to man/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 the event of any uncertainty.

PRECAUTIONS

- Prevent eye contact; wear chemical splash goggles or safety glasses. If in contact with eyes, rinse immediately with plenty of water.
- Prevent skin contact when handling the product, wear suitable chemical resistant (waterproof) gloves. If on skin or clothing, take off contaminated clothing and immediately rinse skin gently with plenty of water for 15 – 20 minutes.
- Prevent inhalation where spray or mist is generated; wear suitable respiratory equipment in case of insufficient ventilation. If inhaled and breathing is difficult, remove person to fresh air and keep at rest.
- Do not eat, drink or smoke whilst mixing or applying. Wash hands, face and clothing after use with soap and water.
- Prevent contamination of food, eating utensils, feed and drinking water.
- Clean all equipment thoroughly after use and dispose of waste water without polluting the environment.
- Invert empty container over mix or spray tank and allow draining for at least 30 seconds until flow has slowed to a drip. Triple rinse the empty container with clean water equal to a minimum of 30 % of the volume of the container. Add rinsing to the contents of the spray tank. Offer container for recycling or puncture and dispose of to authorised landfill. Do not use container for any other purpose.
- This material and its container must be disposed of as hazardous waste.

RESISTANCE WARNING

For resistance management, **PropiCure 250 EC** consist of group code (3) fungicide. Any fungus population may contain individuals naturally resistant to **PropiCure 250 EC** and other group code (3) fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **PropiCure 250 EC** or any other group code (3) fungicides.

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,
- 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 programmes.

PropiCure 250 EC should always be applied as a preventative treatment. Alternate applications of **PropiCure 250 EC** with other registered fungicides from different chemical classes than a triazole in the same programme with **PropiCure 250 EC**. Never use a related product in a program with **PropiCure 250 EC**.

DIRECTIONS FOR USE

(Use only as directed)

COMPATIBILITY:

- Although **PropiCure 250 EC** is compatible with most agrochemicals, a physical compatibility test is always recommended prior to application.

MIXING INSTRUCTIONS:

Water application: Add the required amount of **PropiCure 250 EC** to clean water in the half filled mixing tank. Stir continuously while mixing**, but** first add pre-mixed wettable powders, water dispersible granules, suspension concentrates and then the 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: PropiCure 250 EC does not mix easily with cold water or cold water based waxes. For uniform residue distribution, mix **PropiCure 250 EC** thoroughly with ± 350 mℓ warm water (± 40°C) before adding to the wax in the applicator. After dilution of **PropiCure 250 EC** in wax, stir mixture thoroughly for at least 15 minutes with mixing device. The prepared mixture must be agitated constantly.

APPLICATION TABLE		
CROP and DISEASE	**DOSAGE**	**REMARKS**
CITRUS Post-harvest decay caused by Green mould (*Penicillium digitatum*), Blue mould (*Penicillium italicum*) and Sour rot (*Galactomyces citri-aurantii*)	**HIGH VOLUME WATER APPLICATION** **Drench or Dip treatment** 240 mℓ / 100 ℓ water (600 ppm Propiconazole)	*Drench/Dip Treatment:* Apply **PropiCure 250 EC** suspension either as a drench/dip treatment ensuring contact time with the fruit for a minimum of 60 seconds. It is important to treat the fruit as soon as possible after harvest. Drench/dip tanks can be topped up with 240 mℓ **PropiCure 250 EC** for every 100 ℓ of fresh water added.
Post-harvest sporulation suppression of Green and Blue mould (*Penicillium* spp.)	**LOW VOLUME WAX APPLICATION** 180 mℓ /25 ℓ fruit wax (1 800 ppm propiconazole) **Application Rate** ~ 1 ℓ of wax per ton of fruit	*Wax application:* Apply wax evenly on pre-washed and dried fruit. *Also refer to "Mixing Instructions".*
GENERAL INSTRUCTIONS: • For optimum control, treat fruit as soon as possible after harvesting. • **For effective control, sort out decaying fruit BEFORE treatment.** • Replace solutions when dirty. • **Do not empty into rivers or dams.**		

PROPICURE 250 EC

Reg. Nr. L9870 Wet 36 van 1947

'n Emulgeerbare konsentraat sistemiese swamdoder vir die na-oes behandeling van sitrus vrugte vir die beheer van Groenskimmel, Blouskimmel en Suurvrot.

AKTIEWE BESTANDDELE:

Propikonasool ……………………… 250 g/ℓ

GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd.

Reg. Nr. 2001/013319/07

Posbus 2312 ◆ STELLENBOSCH ◆ 7601 ◆ Suid-Afrika

VERSIGTIG

WAARSKUWINGS

Onthoudingsperiodes (Minimum aantal dae tussen laaste toediening en verbruik):

- Sitrus.. *0 dae*

Nakoming van hierdie onthoudingsperiodes en onderstaande toediening instruksies sal verseker dat die plaaslike maksimum residu limiete (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoervereistes van ander lande nie. Indien die gewas wat behandel gaan word, bestem is vir uitvoer, skakel met die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **PropiCure 250 EC** as gewasveilig beskou word op die meeste belangrike kultivars, beteken dit nie dat 'n meer sensitiewe kultivar in die toekoms op die mark kan kom nie. Vrugte van nuwe kultivars moet nie op groot skaal behandel word voordat **PropiCure 250 EC** daarop getoets is nie.

- Hou buite bereik van kinders, oningeligde persone en diere.
- Skadelik indien ingeneem word, moenie produk drink nie.
- Indien ingesluk, kry onmiddellik mediese advies en toon hierdie houer of etiket.
- Irriterend vir oë en vel.
- Berg goed verseël in koel, droë, wel belugte area en weg van direkte sonlig.
- Stoor weg van voedsel, voer en drink water.
- Baie toksies vir akwatiese organismes, mag langtermyn skade in die akwatiese omgewing tot gevolg hê.
- Herbetredingsinterval: Voorkom die hantering van behandelde vrugte tot gedroog.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie, aangesien die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander produkte wat nie op die etiket aangedui is nie en die voorkoms van weerstand teen die betrokke middel, sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige effekte op mens of dier of vir 'n gebrek aan doeltreffendheid, as gevolg van die versuim van die gebruiker om die etiketaanwysings na te kom of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid.

VOORSORGMAATREËLS

- Voorkom oogkontak; dra veiligheids bril wanneer onverdunde produk hanteer word. Indien in kontak met oë, spoel onmiddellik met baie water.
- Voorkom kontak met die vel wanneer die produk hanteer word, dra geskikte chemiese weerstandbiedende (waterdigte) handskoene. Indien op vel of kleding trek besmette klere uit en spoel die vel liggies met baie water vir 15 - 20 minute.
- Voorkom inaseming waar spuitnewel of mis gegenereer word; dra geskikte respiratoriese toerusting in die geval van onvoldoende ventilasie. Indien in ge-asem en asemhaling ge-affekteer is, verwyder die persoon na vars lug en hou rustig.
- Moenie eet, drink of rook terwyl die produk opgemaak of toegedien word nie. Was hande, gesig en klere na gebruik met seep en water.
- Voorkom besoedeling van voedsel, eetgerei, voer en drinkwater.
- Maak alle apparaat deeglik skoon na gebruik en gooi afvalwater weg waar dit nie die omgewing sal besoedel nie.
- Sodra houer leeg is, keer om oor spuittenk of mengbak en dreineer vir minstens 30 sekondes totdat vloei tot gedrup verminder het. Spoel leë houer daarna drie keer uit met 'n volume water gelykstaande aan minstens 30 % van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word, deur gate daarin te maak. Bied houer aan vir hersirkulasie of neem na 'n amptelike vullis area. Moenie die houer vir enige ander doel gebruik nie.
- Hanteer hierdie materiaal en / of sy houer as gevaarlike afval.

WEERSTANDSWAARSKUWING

PropiCure 250 EC bestaan uit 'n groepkode (3) swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **PropiCure 250 EC** of enige ander groepkode (3) swamdoders het. Indien hierdie swamdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **PropiCure 250 EC** of enige ander groepkode (3) swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- vermy die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende swamdoder groepkodes,
- raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkmengsels gemaak word, met produkte in ander swamdoder groepkodes,
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.

PropiCure 250 EC moet altyd as 'n voorkomende behandeling toegedien word. Wissel **PropiCure 250 EC** toedienings af met geregistreerde middels wat nie triasool bevat nie. Moet nooit 'n verwante middel in 'n program saam met **PropiCure 250 EC** gebruik nie.

GEBRUIKSAANWYSINGS

(Gebruik slegs soos aangedui)

VERENIGBAARHEID:

- Hoewel **PropiCure 250 EC** verenigbaar is met meeste landbouchemiesemiddels, word 'n fisiese mengbaarheidstoets altyd aanbeveel voor gebruik.

MENGINSTRUKSIES:

Water aanwending: Voeg die korrekte hoeveelheid **PropiCure 250 EC** in die mengtenk half-vol met skoon water. Roer gedurig vir vermenging, **maar** voeg eers vooraf gemengde produkte in die volgende volgorde by: benatbare poeiers, water oplosbare korrels, suspensie konsentrate en laastens emulsifiseerde konsentrate. Vul mengtenk met skoon water tot by verlangde vlak terwyl voortdurend geroer word. Verseker goeie roering van die oplossing ten alle tye om uitsakking te verhoed.

Waks aanwending: **PropiCure 250 EC** meng NIE maklik met koue water of koue sitruswaks nie. **Belangrik**: Vir uniforme residu lading, meng **PropiCure 250 EC** eers deeglik in ± 350 mℓ warm water (± 40°C) voordat dit by die waks in toediener gevoeg word. Ná verdunning van **PropiCure 250 EC** in waks, meng deeglik vir minstens 15 minute met mengapparaat. Die mengsel moet konstant gemeng word nadat dit aangemaak is.

TOEDIENINGSTABEL		
GEWAS en SIEKTE	**DOSIS**	**OPMERKINGS**
SITRUS Na-oes bederf veroorsaak deur Groenskimmel (*Penicillium digitatum*) en Blouskimmel (*Penicillium italicum)* en Suurvrot (*Galactomyces citri-aurantii*)	**HOË VOLUME WATER AANWENDING** **Drenk of Doop behandeling** 240 mℓ/100 ℓ water (600 dpm Propiconazole)	*Doop/drenkbehandeling:* Dien die **PropiCure 250 EC** suspensie toe as 'n doop- of drenkbehandeling en verseker 'n kontakperiode van minstens 60 sekondes met vrugte. Dit is belangrik dat vrugte so spoedig moontlik na oes behandel word. Dompeltenke kan aangevul word met 240 mℓ **PropiCure 250 EC** vir elke 100 ℓ vars water wat bygevoeg word.
Na-oes sporulasie onderdrukking van Groen- en Blouskimmel (*Penicillium* spp.)	**LAE VOLUME WAKS AANWENDING** 180 mℓ /25 ℓ vrugte waks (1 800 dpm propikonasool) **Toenings hoeveelheid** ~1 ℓ waks per ton vrugte	*Waks aanwending:* Dien waks egalig toe op vooraf gewas en gedroogde vrugte. *Sien ook "Menginstruksies".*
ALGEMENE VOORSKRIFTE: • Vir optimale beheer, behandel vrugte so gou moontlik na-oes. • **Vir effektiewe beheer, sorteer bederfde vrugte uit VOOR behandeling.** • Vervang oplossing wanneer dit vuil is. • **Moenie in riviere of damme stort nie.**		