



# CITRIGAN

Reg. no. L10165 Act/Wet 36 of/van 1947

A contact and systemic emulsion concentrate 'n Emulgeerbare konsentraat kontak- en fungicide for the post-harvest treatment of sistemiese swamdoder vir die naoes-citrus for control of green mould, blue mould behandeling van sitrusvrugte vir die beheer and sour rot. van groenskimmel, blouskimmel en suurvrot.

**FRAC FUNGICIDE GROUP CODE**

**3**

**FRAC SWAMDODER GROEPKODE**

## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

Propiconazole (triazole) ..... 250 g/L ..... propikonasool (triasool)

## NET VOLUME/NETTO VOLUME

..... L

## REGISTRATION HOLDER/REGISTRASIEHOUER

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**CITRIGAN is a trademark of a company of the ADAMA GROUP.  
CITRIGAN is 'n handelsmerk van 'n maatskappy van die ADAMA GROEP.**

## CONTACT IN EMERGENCY/KONTAK IN NOOD

Griffon Poison Information Centre: +27 82 446 8946

Tygerberg Poison Information Centre: +27 861 555 777

Batch number .....  
Date of manufacture .....

Lotnommer .....  
Datum van vervaardiging .....

UN no.: 3082



**CAUTION  
VER SIGTIG**



## WARNINGS

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

**Citrus** ..... 0 day

Compliance with application methods and the withholding periods will ensure that residues do not exceed local maximum residue limits (MRLs), 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, maximum residue limits (MRLs) and recommended withholding periods.** Although **CITRIGAN** 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. **CITRIGAN** 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 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 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 at an 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 the purpose of resistance management, **CITRIGAN** is classified as a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **CITRIGAN** 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 **CITRIGAN** 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.

**CITRIGAN** should always be applied as a preventative treatment. Alternate applications of **CITRIGAN** with other registered fungicides from different chemical classes than a triazole. Never use **CITRIGAN** in a program with products from the same chemical class.

## DIRECTIONS FOR USE

**Use only as indicated.**

### Compatibility

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

### Mixing instructions

Add the required amount of **CITRIGAN** 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).

## APPLICATION RATES

CROP AND DISEASE	DOSAGE	REMARKS
<p><b>Citrus</b>            Post-harvest decay caused by            Green mould  <i>(Penicillium digitatum)</i>            Blue mould  <i>(Penicillium italicum)</i>            Sour rot  <i>(Geotrichum citri-aurantii)</i></p>	<p><b>Drench or dip treatment</b>            240 ml/100 L water            (600 ppm propiconazole)</p>	<p>Apply <b>CITRIGAN</b> suspension either as a drench or 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.</p> <p>Drench-or dip treatment tanks can be topped up with 240 ml <b>CITRIGAN</b> for every 100 L of fresh water added.</p>
<p><b>GENERAL INSTRUCTIONS</b></p> <ul style="list-style-type: none"> <li>• For optimum control, treat fruit as soon as possible after harvest.</li> <li>• <b>For effective control, remove decaying fruit BEFORE treatment.</b></li> <li>• Replace solutions when dirty.</li> </ul> <p>When the dip solution is replaced, the old solution should be allowed to run into either a biological or French drain system. <b>Do not empty into rivers or dams.</b></p>		

## WAARSKUWINGS

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

**Sitrus** ..... 0 dae

Nakoming van hierdie onthoudingsperiodes en toedieningsmetodes sal verseker dat die plaaslike maksimum residulimiete (MRL's) 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 se maksimum residuvereistes en aanbevole onthoudingsperiodes.** Alhoewel **CITRIGAN** 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 vooraf getoets word met **CITRIGAN** voordat dit op groot skaal gebruik word.

- Hou buite bereik van kinders, oningeligde persone en diere.
- Skadelik indien ingeneem word, moenie produk drink nie.
- Indieningesluk, kry onmiddellik mediese advies en toon hierdie houers 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. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die siekte teen die betrokke middel sowel as die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan doeltreffendheid, as gevolg van versuim van die gebruiker om 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 die geval van enige onsekerheid.**

## VOORSORGMAATREËLS

- Voorkom oogkontak; dra veiligheids bril wanneer onverdunde produk hanteer word. As in kontak met oë, spoel onmiddellik met baie water.
- Voorkom kontak met die vel wanneer die produk gehanteer word, dra geskikte chemiese weerstandbiedende (waterdigte) handskoene. Indien op vel of kleding trek besmette klere en spoel die vel liggies met baie water vir 15–20 minute.
- Voorkom inaseming waar spuitnewel of mis gegeneer word; dra geskikte respiratoriese toerusting in die geval van onvoldoende ventilasie. Indien in ge-aseem en asemhaling ge-afekteer 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 spuittekn 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 spuittekn 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/die houer as gevaarlike afval.

## WEERSTANDSWAARSKUWING

Vir die doel van weerstandsbestuur word **CITRIGAN** as 'n groepkode 3 swamdoder geklassifiseer. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **CITRIGAN** of enige ander groepkode 3 swamdoders, hê. Indien hierdie swamdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **CITRIGAN** 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.

**CITRIGAN** moet altyd as 'n voorkomende behandeling toegedien word. Wissel **CITRIGAN** toedienings af met geregistreerde middels wat nie triasool bevat nie. Moet nooit 'n middel van dieselfde chemiese groep in 'n program saam met **CITRIGAN** gebruik nie.

## GEBRUIKSAANWYSINGS

**Gebruik slegs soos aangedui.**

### Verenigbaarheid

Hoewel **CITRIGAN** verenigbaar is met meeste landbouchemiesemiddels word 'n fisiese mengbaarheidstoets altyd aanbeveel voor gebruik.

### Menginstruksies

Voeg die korrekte hoeveelheid **CITRIGAN** in die mengtekn 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 mengtekn met skoon water tot by verlangde vlak terwyl voortdurend geroer word. Verseker goeie roering van die oplossing ten alle tye om uitsakking te verhoed.

## TOEDIENINGSHOEVEELHEDE

GEWAS EN TEIKEN	DOSIS	OPMERKINGS
<b>Sitrus</b> Naoesbederf veroorsaak deur Groenskimmel ( <i>Penicillium digitatum</i> ) Blouskimmel ( <i>Penicillium italicum</i> ) Suurvrot ( <i>Geotrichum citri-aurantii</i> )	<b>Doop- of drenk-                      behandeling</b> 240 ml/100 L water (600 dpm propiconazole)	Dien die <b>CITRIGAN</b> 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. Doop- of drenktenke kan aangevul word met 240 ml <b>CITRIGAN</b> vir elke 100 L vars water wat bygevoeg word.
<b>ALGEMENE VOORSKRIFTE</b> <ul style="list-style-type: none"> <li>• Vir optimale beheer behandel vrugte so gou moontlik na oes.</li> <li>• <b>Vir effektiewe beheer, verwyder bederfde vrugte VOOR behandeling.</b></li> <li>• Vervang oplossing wanneer dit vuil is.</li> </ul> Indien die doopoplossing vervang word, moet die oorskot doopoplossing in 'n biologiese rioolstelsel of stapelriool ("French drain") uitgelaat word. <b>Moenie in riviere of damme stort nie.</b>		