

Vir volledige inligting sien ingeslote voubiljet / For full particulars see enclosed leaflet

# IMAZA CURE 500 EC

Reg. No. L 7927 Wet / Act No. 36 van/of 1947

**'N EMULGEERBARE KONSENTRAAT, SWAMDODER VIR NA-OESBEHANDELING VAN SITRUS**  
**AN EMULSIFIABLE CONCENTRATE, FUNGICIDE FOR POST-HARVEST TREATMENT OF CITRUS**

FRAC SWAMDODER GROEPKODE

3

FRAC FUNGICIDE GROUP CODE

**AKTIEWE BESTANDEDEEL:**  
Imasalil (imidasool)

**500 g/l**

**ACTIVE INGREDIENT:**  
(imidazole) Imazalil

Batch No: **SEE**  
Date of **CONTAINER**  
Manufacture: **FOR DETAILS**

Registrasiehouer / Registration Holder:



ICA International Chemicals (Pty) Ltd  
Reg. No: 2001/013319/07  
PO Box 2312, Stellenbosch, 7601, South Africa  
Tel. +27-21-886 9812  
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Net Volume:

1 l

UN No: 3082

Group III



**HARMFUL  
SKADELIK**



# ImazaCure 500 EC

Reg. No: L7927 Act No. 36 of 1947

An emulsifiable concentrate fungicide for the control of post-harvest decay of crops as listed.

## ACTIVE INGREDIENTS:

Imazalil (imidazole): ..... 500 g/ℓ

## REGISTERED BY:

ICA International Chemicals (Pty) Ltd.

Reg. No: 2001/013319/07

PO Box 2312 ♦ STELLENBOSCH ♦ 7601 ♦ South Africa

## HARMFUL WARNINGS

Compliance with the application rate will ensure that residues do not exceed local maximum residue limits (MRL), but the import tolerances of other countries might possibly be exceeded. 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 **ImazaCure 500 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. **ImazaCure 500 EC** must be tested on new cultivars prior to usage over big areas.

- Harmful by inhalation. DO NOT inhale spray, mist or fog.
- Harmful if swallowed. DO NOT drink this product.
- Risk of damage to the eye, avoid contact with eyes.
- Harmful to aquatic organisms. Do not contaminate streams, rivers or waterways with the product or the used containers.
- Keep out of reach of children, uninformed persons and animals.
- Store in a cool, dry and well ventilated place away from food, feed and drinking water.

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, 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 inhalation where spray, mist or fog is generated, wear suitable respiratory equipment. Use in a well ventilated area. IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a comfortable position. Persons with respiratory conditions must avoid areas while spraying is administered.
- Prevent ingestion by keeping product in original containers and closed. IF INGESTED: Rinse mouth with water and immediately get medical advice.
- Prevent contact with eyes; wear chemical splash goggles or safety glasses. IF IN contact with eyes, rinse immediately with plenty of water for 15 minutes and seek medical advice.
- Prevent skin contact when handling the undiluted product, wear rubber gloves. IF ON SKIN: Gently wash with plenty of water and soap.
- Wash hands thoroughly with soap and water after handling and before eating or drinking.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Clean equipment thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- **EMPTY CONTAINERS:** Triple rinse empty container with clean water equal to 30% of the volume of the container and add rinsing to the spray tank. Puncture the container so that it cannot be re-used. Recycle (do not burn). DO NOT USE container for any other purposes.

## RESISTANCE WARNING:

For resistance management, **ImazaCure 500 EC** is a group code (3) fungicide. Any fungus population may contain individuals naturally resistant to **ImazaCure 500 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 **ImazaCure 500 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 products from different fungicide group codes.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

For specific information on resistance management contact the registration holder of this product.

## DIRECTIONS FOR USE (USE ONLY AS DIRECTED)

### COMPATIBILITY:

**ImazaCure 500 EC** is compatible with citrus fruit waxes. The compatibility of **ImazaCure 500 EC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. A physical compatibility test must always be performed before such a tank mixture is made.

### APPLICATION and DOSAGE RATE(S):

**CITRUS FRUIT:** *Penicillium digitatum* (Green mould) and *Penicillium italicum* (Blue mould) control

#### A. IN NON-RECOVERY WATER SPRAY-ON AND BRUSH-ON:

Add 50 ml **ImazaCure 500 EC** in 25 litre of water to obtain a treatment concentration of 1000 ppm imazalil. Apply to freshly cleaned citrus immediately prior to waxing. The 25 litre of mixture should be used to treat a maximum of 17 000 kg of citrus fruit. This treatment will also result in good sporulation control.

#### B. IN CITRUS PACK-OUT WAX:

Mix 150 ml **ImazaCure 500 EC** in 25 litre citrus wax to obtain treatment concentration of 3000 ppm imazalil. After dilution of **ImazaCure 500 EC** in wax, stir mixture thoroughly for at least 15 minutes with mixing device.

#### C. APPLICATION IN CITRUS PACK-OUT WAX AFTER AN IMAZALIL WATER TREATMENT:

Mix 100 ml **ImazaCure 500 EC** in 25 ℓ citrus wax to obtain treatment concentration of 2000 ppm imazalil. After dilution of **ImazaCure 500 EC** in wax, stir mixture thoroughly for at least 15 minutes with mixing device.

### MIXING INSTRUCTIONS:

**ImazaCure 500 EC** DOES NOT mix easily with cold water or cold water based waxes. Since large droplets of undiluted **ImazaCure 500 EC** can cause serious burns to citrus it is necessary to first mix **ImazaCure 500 EC** thoroughly with ± 500 ml warm water (± 40°C) before added to rest of water or wax in the applicator. The resulting mixture must be agitated constantly.

**CUCURBITS** [butternuts, cantaloupes, melons, muskmelons, watermelon, pumpkins and squashes (summer and winter squash)]:

Stem-end decay caused by *Penicillium* spp.

Mix 1.5 ml **ImazaCure 500 EC** in 10 ℓ water. Apply with a sponge to the stem-end of fruit directly after harvest. Only treat 10 cm<sup>2</sup> of fruit surface. Care must be taken that the fruit-stem is sufficiently wetted and that a bigger area of the fruit is not treated. Treated fruit must be dry before packing.

# ImazaCure 500 EC

Reg. No. L7927 Wet No. 36 van 1947

'n Emulgeerbare konsentraat swamdoder vir die beheer van na-oesbederf op gewasse soos aangedui.

## AKTIEWE BESTANDEEL:

Imasalil (imidasool):.....500 g/l

## GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd.

Reg. No: 2001/013319/07

Posbus 2312 ♦ STELLENBOSCH ♦ 7601 ♦ Suid-Afrika

## SKADELIK

### WAARSKUWINGS

Nakoming van hierdie toediening sal verseker dat die plaaslike maksimum residu limiete (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoereistes 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, MRL en aanbevole onthoudingsperiodes. Alhoewel **ImazaCure 500 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. Nuwe kultivars moet nie in groot hoeveelhede behandel word voordat **ImazaCure 500 EC** daarop getoets is nie.

- Skadelik indien spuitnewel ingeasem word, MOENIE dit inasem nie.
- Skadelik indien produk gesluk word, MOENIE die produk drink nie.
- Risiko vir skade aan oë, voorkom kontak met oë.
- Giftig vir visse en ander waterorganismes. MOENIE waterstrome, riviere of vloeiende waterweë besoedel met hierdie produk of die houers waarin dit geberg word nie.
- Hou buite bereik van kinders, ongeligte persone en diere.
- Berg in 'n koel, droë plek weg van voedsel, voer en drinkwater.

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.

### VOORSORGMATREËLS

- Voorkom inaseming van sproei of missproei, dra gesigmasker. Indien inaseming plaasvind, verwyder die persoon na vars lug en hou persoon rustig. Persone met lang toestande moet areas vermy terwyl bespuitings toegedien word.
- Voorkom dat produk gedrink word, hou in oorspronklike houer met prop deeglik toegedraai. Indien gedrink word, spoel mond deeglik uit met water en kry onmiddellik mediese hulp.
- Voorkom kontak met oë, dra chemiese beskerming brille of gesigskerm. Indien in kontak met oë, spoel oog onmiddellik uit met lopende water vir 15 minute en kry onmiddellik mediese hulp.
- Voorkom vel kontak met onverdunde produk, dra rubber handskoene. Indien in kontak met vel, was met water en seep.
- Was hande deeglik met seep en water na hantering van produk en voor eet of drink.
- Vermoed besoedeling van voedsel, voer, drinkwater en eetgerei.
- Na gebruik, maak toediener deeglik skoon en gooi waswater waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- **LEË HOERS:** Spoel die houer driemaal met 'n volume water gelykstaande aan minstens 30% van die inhoud van die houer uit. Gooi die inhoud by die spuit- of dooptenk. Voorkom dat die houer vir enige ander doel gebruik word deur gate in die houer te maak. Hersirkuleer of vernietig (nie brand nie) op 'n geskikte wyse soos deur wetgewing bepaal.

### WEERSTANDSWAARSKUWING

**ImazaCure 500 EC** is 'n groepkode (3) swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **ImazaCure 500 EC** of enige ander groepkode (3) swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **ImazaCure 500 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 tenkingsels van produkte in verskillende swamdoder groepkodes.
- integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

### GEBRUIKSAANWYSINGS

#### (GEBRUIK SLEGS SOOS AANGEDUI)

#### VERENIGBAARHEID:

**ImazaCure 500 EC** is verenigbaar met sitrus waks. Die verenigbaarheid van **ImazaCure 500 EC** met ander produkte word bepaal deur die formulering van die onderskeie produkte asook die kwaliteit van die spuitwater wat gebruik word. 'n Fisiese verenigbaarheidstoets moet altyd gedoen word voordat produkte vermeng en toegedien word.

#### TOEDIENING en DOSIS:

**SITRUS VRUGTE:** *Penicillium digitatum*, (Groenskimmel) en *Penicillium italicum* (Blouskimmel) beheer.

##### A. ONHERWINBARE SPROEI OF BORSEL TOEDIENING:

Meng 50 ml **ImazaCure 500 EC** in 25 liter water om 'n behandeling konsentrasie van 1000 dpm imasalil te verkry. Dien toe op skoon gewaste sitrus onmiddellik voor vrugte gewaks word. Die 25 liter mengsel kan gebruik word om 'n maksimum van 17 000 kg sitrusvrugte te behandel. Hierdie behandeling sal ook goeie sporulasie beheer teweegbring.

##### B. IN SITRUSVERPAKKING WAKS

Meng 150 ml **ImazaCure 500 EC** in 25 liter sitrus waks om 'n behandeling konsentrasie van 3000 dpm imasalil te verkry. Ná verdunning van **ImazaCure 500 EC** in waks, meng deeglik vir minstens 15 minute met mengapparaat.

##### C. AANWENDING IN SITRUSVERPAKKING WAKS NA IMASALIL WATER BEHANDELING:

Meng 100 ml **ImazaCure 500 EC** in 25 l sitrus waks om 'n behandeling konsentrasie van 2000 dpm imasalil te verkry. Ná verdunning van **ImazaCure 500 EC** in waks, meng deeglik vir minstens 15 minute met mengapparaat.

#### MENGINSTRUKSIES:

**ImazaCure 500 EC** meng NIE maklik met kouewater of koue sitruswaks NIE. Wanneer ongemengde druppels **ImazaCure 500 EC** op sitrusvrugte aangewend word, kan brandskade veroorsaak word. **Belangrik:** Meng eers **ImazaCure 500 EC** deeglik in ± 500 ml warm water (± 40°C) voordat dit by die res van die waks in toediener gevoeg word. Na byvoeging moet die oplossing konstant gemeng word.

**PAMPOENGWASSE** [botterskorsies, pampoene en murgpampoene, spanspek-groep en waatlemoene]:

Stingel-end-bederf veroorsaak deur *Penicillium spp.*

Meng 1.5 ml **ImazaCure 500 EC** in 10 l water. Dien toe met 'n spons aan stingel-end kant van vrugte direk na-oes. Behandel slegs 10 cm<sup>2</sup> van vrug oppervlak. Sorg moet gedra word dat vrug-stingel voldoende benat word, en dat 'n groter deel van die vrug nie behandel word nie. Behandelde vrugte moet droog wees voor verpakking.