

# IMAZACURE 750 SG

Act No. 36 of 1947 / Wet Nr. 36 van 1947 • SA Reg. No. L7926 / NAM Reg. No. N-AR 1996 / BWA Reg. No. W1301630  
READ ATTACHED PACKAGED LEAFLET BEFORE USE • KEEP OUT OF REACH OF CHILDREN AND ANIMALS

GROUP	3	FUNGICIDE
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**PRODUCT INFO:**  
A water-soluble granule, fungicide for postharvest treatment of citrus.

**PRODUK INFO:**  
'n Wateroplosbare korrel swamdoder vir na-oes behandeling van sitrus.



**WARNING**

**HAZARD STATEMENTS:**  
Harmful if swallowed.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

**PRECAUTIONARY STATEMENTS:**  
Wear protective gloves, protective clothing, eye and face protection.  
Avoid breathing dust, mist and spray.

**Active Ingredient / Aktiewe Bestanddeel**

**Imazalil as sulphate (imidazole)**

**750 g/kg**

**Imasalil as sulfaat (imidasool)**

**Net (g) SEE CONTAINER**

Registration Holder / Registrasiehouer



ICA International Chemicals (Pty) Ltd. • Reg. No. 2001/013319/07 • 28 Planken Street • Plankenbrug Industrial • STELLENBOSCH • 7600 • SOUTH AFRICA • Tel. +27-21 886 9812 • www.icaonline.co.za

**SEE CONTAINER**  
Batch No. / Date of Manufacture      Lot Nr. / Datum van Vervaardiging

Human Poison Helpline +27-861 555 777 • Griffon Poison Information Centre +27-82 446 8946

UN No. / VN Nr. 3077

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**REGISTERED BY:**

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28 Planken Street • Plankenbrug Industrial • Stellenbosch • 7600 • South Africa  
Tel. +27-21 886 9812 • [www.icaonline.co.za](http://www.icaonline.co.za)

## WARNINGS

Harmful if swallowed.  
May cause an allergic skin reaction.  
Very toxic to aquatic life with long lasting effects.

**WITHHOLDING PERIODS:**

▶ Citrus ..... 0 Days

Compliance with these withholding periods and application methods 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 **ImazaCure 750 SG** 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 750 SG** must be tested on new cultivars prior to usage.

**RE-ENTRY INTERVAL:** Do not handle wet fruit without gloves.

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

If medical advice is needed, have product container or label at hand.  
Obtain, read, and follow all safety instructions before use.  
Avoid breathing dust, mist and spray.  
Wash hands and exposed skin thoroughly after handling.  
Do not eat, drink, or smoke when using this product.  
Contaminated work clothing should not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves, protective clothing, eye and face protection.  
IF SWALLOWED: Get medical help.  
IF ON SKIN: Wash with plenty of soap and water.  
Specific treatment; see first aid measures on this label.  
Rinse mouth (if swallowed or in mouth).  
If skin irritation or rash occurs: Get medical help.  
Take off contaminated clothing and wash it before reuse.  
Collect spillage.  
Store in a dry place. Store in a closed container.  
Dispose of contents and container in accordance with national regulations.

**TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Containers must be completely emptied before being disposed of. Invert and shake thoroughly into the applicator to ensure the container is empty. 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 at authorised landfill ([www.croplife.co.za](http://www.croplife.co.za)). Do not use container for any other purpose.

**RELEVANT SUBSTANCE:**

Imazalil sulphate (solid) (contains 75% imazalil) (Cas no: 58594-72-2) Acute Oral Toxicity Category 4, H302; Skin Sensitization Category 1, H317; Aquatic Acute Category 1, H400; Aquatic Chronic Category 1, H410 (100 % w/w).

## FIRST AID MEASURES

**In case of accident or if you feel unwell seek medical advice immediately and show this LABEL where possible.**

**INGESTION:**

If swallowed, DO NOT induce vomiting, unless instructed to do so by poison control center or doctor.  
Rinse mouth and have person sip a glass of water if able to swallow. Never give anything by mouth to an unconscious person. If vomiting does occur, keep on giving fluids. Get medical help.

**INHALATION:**

Remove the victim from immediate source of exposure. Move victim to fresh air, if it can be done safely, and keep comfortable. If victim's breathing has stopped, perform artificial respiration.  
Administer oxygen if victim's breathing is difficult or irregular. Get medical help.

- EYES:** Rinse eyes cautiously with clean running water for at least 15 minutes, while holding eyelids apart. Remove contact lenses after 5 minutes if present and easy to do. Continue rinsing while holding eyelids apart. Seek medical help if irritation continues.
- SKIN:** Remove and isolate contaminated clothing, shoes, and leather goods immediately and take a shower. Rinse affected areas (skin) immediately with non-abrasive soap or mild detergent and large amounts of running water. Wash contaminated clothing before reuse. Get medical help if irritation develops and persists.
- NOTE TO PHYSICIAN:** There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient.
- POTENTIAL HEALTH EFFECTS:** No significant adverse effects expected. Effects of exposure (inhalation, ingestion, or skin contact) to substance may be delayed.

#### RESISTANCE WARNING

For resistance management, **ImazaCure 750 SG** consists of a group code (3) (DeMethylation Inhibitors) fungicide. Any fungal population may contain individuals naturally resistant to **ImazaCure 750 SG** and other group code (3) fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **ImazaCure 750 SG** 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 individual product labels,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

#### MODE OF ACTION

Imazalil disrupts fungal membrane function. Targeting cell membrane integrity by inhibiting C14 demethylation during sterol formation. Systemic with curative and protective properties.

#### USE RESTRICTIONS

- Do not use **ImazaCure 750 SG** in waxes.

#### DIRECTIONS FOR USE

(Use only as directed)

**ImazaCure 750 SG** is recommended for control of postharvest decay of citrus fruits caused by *Penicillium digitatum* (green mould) and *Penicillium italicum* (blue mould).

**ImazaCure 750 SG** can be used without a wetting agent in water with a pH below 7.

#### APPLICATION AND DOSAGE RATE:

**A. Water bath treatment.**

Add 670 g **ImazaCure 750 SG** to 1 000 liters of water to obtain a treatment concentration of 500 ppm imazalil. See that fungicide is well dissolved. Water temperature should not exceed 47 °C. The drenching time is not of critical importance.

**B. Non-recovery water spray-on or brush-on.**

Add 34 g **ImazaCure 750 SG** to 25 liters water and mix until dissolved. This gives a treatment concentrate of 1 000 ppm Imazalil. The 25 liters **ImazaCure 750 SG** solution must be used to treat not more than 17 000 kg of fruit.

Do not rinse fruit after treatment. These treatments will also result in good sporulation control.

# ImazaCure 750 SG

Wet Nr. 36 of 1947

SA Reg. Nr. L7926 / NAM Reg. Nr. N-AR 1996 / BWA Reg. Nr. W1301630

'n Wateroplosbare korrel swamdoder vir na-oes behandeling van sitrus.

## AKTIEWE BESTANDEEL:

Imasalil as Sulfaat (imidasool) ..... 750 g/kg

## GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd. Reg. Nr. 2001/013319/07  
Plankenstraat 28 • Plankenbrug Industrieel • Stellenbosch • 7600 • Suid-Afrika  
Tel. +27-21 886 9812 • www.icaonline.co.za

## WAARSKUWINGS

Skadelik indien ingesluk.  
Mag allergiese velreaksie veroorsaak.  
Baie giftig vir waterlewende organismes met langdurige gevolge.

## ONTHOUDINGSPERIODES:

▶ Sitrus ..... 0 Dae

Nakoming van hierdie toedienings sal verseker dat die plaaslike maksimum residu limiet (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoereis van ander lande nie. Indien die gewas wat behandel word, bestem is vir uitvoer, skakel die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **ImazaCure 750 SG** 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. **ImazaCure 750 SG** moet eers op nuwe kultivars getoets word voor gebruik.

**HERBETREDINGSINTERVAL:** Moenie nat vrugte sonder handskoene hanteer nie.

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

Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand.  
Hou buite bereik van kinders.  
Lees sorgvuldig en volg alle instruksies.  
Verkry, lees en volg alle veiligheidsinstruksies voor gebruik.  
Vermyn inaseming van poeier, stuifsel en spuitstof.  
Was hande en blootgestelde vel deeglik na hantering.  
Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie.  
Besoedelde werksklere moet nie buite die werksplek toegelaat word nie.  
Vermyn vrystelling in die omgewing.  
Dra beskermende handskoene, beskermende klere, oog- en gesigbeskerming.  
INDIEN INGESLUK: Kry mediese hulp.  
INDIEN OP VEL: Was met baie seep en water.  
Vir spesifieke behandeling verwys na noodhulpbehandeling op hierdie etiket.  
Spoel mond uit (indien ingesluk of in mond).  
Indien velirritasie of uitslag ontstaan: Kry mediese hulp.  
Trek alle besoedelde klere uit en was dit voor hergebruik.  
Maak stortsel bymekaar.  
Berg in 'n droë plek. Berg in 'n toe houer.  
Raak ontslae van inhoud en houer volgens nasionale regulasies.

**SPOEL DIE LEË HOUER DRIE MAAL SOOS VOLG:** Houers moet heeltemal leeg wees voordat dit vernietig kan word. Sodra houer leeg is, skud die leë houer onderstebo bo oor die spuit- of mengtenk om seker te maak die houer is leeg. Spoel leë houer daarna drie keer uit met 'n volume water gelykstaande aan minstens 30 % van die houer. Voeg spoelwater by die inhoud van die spuittenk. Bied houer aan vir herwinning of perforeer dit en raak daarvan ontslae by 'n gemagtigde opvulterrein ([www.croplife.co.za](http://www.croplife.co.za)). Moenie houer vir enige ander doel gebruik nie.

## RELEVANTE STOWWE:

Imasalil sulfaat (solied) (bevat 75 % imasalil) (Cas no: 58594-72-2) Akute Giftigheid Mondelings Kategorie 4, H302; Vel Sensitisering Kategorie 1, H317; Waterlewend Akut Kategorie 1, H400; Waterlewend Kronies Kategorie 1, H410 (100 % m/m).

## NOODHULP

**In die geval van 'n ongeluk of as jy onwel voel, verkry onmiddellik mediese hulp en wys hierdie ETIKET waar moontlik.**

## OPNEMING:

Indien ingesluk MOENIE vomering aanmoedig nie, tensy deur 'n gifbeheersentrum of dokter aangesê word om dit te doen. Spoel mond uit en laat persoon slukkies van 'n glas water neem indien in staat om te sluk. Moet nooit iets per mond aan 'n bewustelose persoon toedien nie. Indien vomering plaasvind, hou aan vloeistowwe gee. Kry mediese hulp.

<b>INGEASEM:</b>	Neem die slagoffer weg van die onmiddellike bron van blootstelling. Verskuif die slagoffer na vars lug as dit veilig gedoen kan word en hou gemaklik. Indien die slagoffer ophou asemhaal, pas kunsmatige asemhaling toe. Dien suurstof toe as die slagoffer se asemhaling moeilik of onreëlmatig is. Kry mediese hulp.
<b>OË:</b>	Spoel oë versigtig met skoon lopende water vir ten minste 15 minute terwyl die ooglede vanmekaar gehou word. Verwyder kontaklense na 5 minute indien aanwesig en maklik om te doen. Hou aan met spoel terwyl ooglede vanmekaar gehou word. Kry mediese hulp indien irritasie voortduur.
<b>VEL:</b>	Verwyder en isoleer besmette klere, skoene en leergoedere dadelik en gaan stort. Spoel aangetaste areas (vel) met nieskurende seep of sagwerkende wasmiddel en groot hoeveelhede lopende water. Was besmette klere voor hergebruik. Kry mediese hulp indien irritasie ontwikkel en voortduur.
<b>NOTA AAN GENEESHEER:</b>	Daar is nie 'n spesifieke teenmiddel nie. Alle behandeling moet gebaseer word op waargenome tekens en simptome van nood by die pasiënt.
<b>POTENSIEËLE GESONDHEIDS EFFEKTE:</b>	Geen nadelige effekte word verwag nie. Gevolge van blootstelling (inaseming, opneming of velkontak) aan stof kan vertraag wees.

#### WEERSTANDSWAARSKUWING

Vir weerstand beheer, **ImazaCure 750 SG** is 'n groepkode (3) (Demetieleringsinhibeerder) swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **ImazaCure 750 SG** 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 **ImazaCure 750 SG** of enige ander groepkode (3) swamdoders 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 verskillende swamdoder groepkodes,
- integreer ander beheermaatreëls (chemies, verbouing, biologies) in siektebeheerprogramme.

#### WERKINGSWYSE

Imasalil ontwig die swammembraan funksie. Dit teiken die selmembraanintegriteit deur C14-demetielering tydens sterolvorming te inhibeer. Imasalil is sistemies met genesende en beskermende eienskappe.

#### GEBRUIKSBEPERKINGS

- Moet nie **ImazaCure 750 SG** in waks gebruik nie.

#### GEBRUIKSAANWYSINGS

(Gebruik slegs soos aangedui)

**ImazaCure 750 SG** word aanbeveel vir die beheer van na-oes bederf van sitrusvrugte veroorsaak deur *Penicillium digitatum* (groenskimmel) en *Penicillium italicum* (blouskimmel).

**ImazaCure 750 SG** kan gebruik word sonder benattingsmiddels in water met pH laer as 7.

#### TOEDIENING EN DOSIS TEMPO:

##### A. Aanwending in waterbad.

Voeg 670 g **ImazaCure 750 SG** by 1 000 liter water om 'n behandelingskonsentrasie van 500 dpm imasalil te kry. Maak seker dat die swamdoder goed opgelos is. Die temperatuur van die water moet nie 47 °C oorskry nie. Die indompelingstyd is nie van kritiese belang nie.

##### B. Nie-herwinbare aanwending deur sproei- of borseltoediening.

Voeg 34 g **ImazaCure 750 SG** by 25 liter water en roer totdat die swamdoder opgelos is. Dit gee 'n behandelingskonsentrasie van 1 000 dpm imasalil. Die 25 liter **ImazaCure 750 SG** oplossing moet gebruik word om hoogstens 17 000 kg vrugte te behandel.

Moet nie vrugte na behandeling afspoel nie. Hierdie behandelings sal ook goeie sporulasie beheer tot gevolg hê.