

Domark[®] 100 EC

Reg. No. L 6757 Act No. 36 of 1947 / Wet No. 36 van 1947

READ THE LABEL BEFORE USE/ KEEP OUT OF REACH OF CHILDREN AND ANIMALS

FRAC FUNGICIDE GROUP CODE

3

FRAC SWAMDODER GROEPKODE

A systemic emulsifiable concentrate fungicide, for the control of powdery mildew on table and wine grapes (*Oidium tuckeri*) and mangoes (*Oidium mangiferae*).

'n Sistemiese emulgeerbare konsentraat swamdoder vir die beheer van poeieragtige skimmel op tafel- en wyndruiwe (*Oidium tuckeri*) en mango's (*Oidium mangiferae*).



Hazard statements:

Harmful if inhaled
Causes serious eye irritation
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.
Toxic to aquatic life with long lasting effects.

Precautionary statements:

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.

Signal Word: Danger

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

Tetraconazole/Tetrakonasool 100 g/ℓ

NET VOLUME/NETTO VOLUME: 200L

Registration holder / Registrasiehouer:

Isagro South Africa (Pty) Ltd.
33 Lill Bester Street
Brackenhurst 1448
South Africa
Co. Reg. No. 1996/009324/07 Mpy. Reg. Nr.

Distributed by/Versprei deur

villa 



BATCH NUMBER/LOTNOMMER

DATE FORMULATED/FORMULERINGSDATUM:

UN NUMBER: 3082

VIR VOLLEDIGE BESONDERHEDE, SIEN INGESLOTE PAMFLET.
FOR FULL PARTICULARS, SEE ENCLOSED LEAFLET.

DOMARK® 100 EC: USE INSTRUCTIONS

WARNINGS:

PRE-HARVEST INTERVAL:

Allow the following interval to elapse between the final application and harvest:

WINE AND TABLE GRAPES - 14 DAYS.

- Harmful if inhaled.
- Causes serious eye irritation.
- May cause drowsiness or dizziness.
- May be fatal if swallowed and enters airways.
- Toxic to aquatic life with long lasting effects.
- Handle with care.
- May cause eye irritation and moderate skin irritation.
- Keep out of reach of children, animals and uninformed persons.
- Store away from food and feedstuffs.
- Store in a cool, dry, well-ventilated place in the original tightly closed container. Avoid temperatures below 0° C and above 35° C.
- Flammable - keep away from fires and sparks.
- Do not use on hydroponically or container-grown plants.
- Toxic to birds, fish and other aquatic organisms.

Although this remedy has been extensively tested under a wider variety of conditions, the registration holder does not warrant that it will be efficacious, because the action and effect thereof may be affected by factors such as abnormal soil, 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:

- Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear eye protection / face protection. IF SWALLOWED: Immediately call a POISON CENTER/ doctor. Do NOT

induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER/doctor if you feel unwell. If eye irritation persists: Get medical advice/attention. Collect spillage. Store in a well-ventilated place. Keep container tightly closed.

Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations. In the case of skin contact, wash thoroughly with soap and water. Wash contaminated clothing. Wear rubber gloves and goggles when preparing spray mixture. Avoid spray-drift onto adjacent crops, grazing, rivers, dams and areas not under treatment. Do not eat, drink or smoke whilst applying or mixing or before washing hands and face. Prevent contamination of food, feed, drinking water and eating utensils.

- Clean applicator after use and dispose of wash water where it will not contaminate crops, grazing, boreholes, rivers and dams.
- Rinse the container three times with a volume of clean water equal to 10% of the container. Add the rinsate to the spray tank before destroying the container.
- Destroy empty container by perforation and do not re-use for any other purpose.

RELEVANT SUBSTANCE: TETRACONAZOLE

USE RESTRICTIONS:

RESISTANCE WARNING:

DOMARK® 100 EC contains tetraconazole (*triazole*) fungicide with specific activity against powdery mildew. For **resistance management DOMARK® 100 EC** is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **DOMARK® 100 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 **DOMARK® 100 EC** or any other group code 3 fungicides.

TO DELAY RESISTANCE:

1. Avoid exclusive repeated use of fungicides from the same fungicide group code.
2. Alternate or tank mix with products from a different fungicide group code.
3. Do not apply **DOMARK® 100 EC** to the same crop more than FOUR times per season.
4. Use the recommended dose rates only.
5. Do not exceed the recommended spray intervals.

DIRECTIONS FOR USE: Use only as directed.

DOMARK® 100 EC is a systemic fungicide with excellent protective and curative properties against powdery mildew (*Oidium tuckeri*) on table and wine grapes and powdery mildew (*Oidium mangiferae*) on mangoes. **DOMARK® 100 EC** is most effective when applied preventively or at the very early stages of infection, before symptoms are visible on plants.

MIXING INSTRUCTIONS:

For the best results, fill the spray or mixing tank a third to half capacity with water and start agitation. Measure the required amount of **DOMARK® 100 EC** and pour gradually into the spray tank at an even, steady rate. Maintain agitation throughout the process. Do not deposit entire contents at once. Allow enough time for complete distribution of the product in spray or mixing tank.

Finish filling spray tank with water. Apply immediately. Do not allow spray mixture to stand during the heat of the day or overnight.

COMPATIBILITY:

The compatibility of **DOMARK® 100 EC** with other products may be influenced by the formulation of the products involved, as well as the quality of the spray water. Since the formulation and nature of other products may change and the water quality may vary from farm to farm, a physical compatibility test should always be carried out prior to application.

APPLICATION:

DOMARK® 100 EC may be applied with conventional high volume spray equipment.

CROP / DISEASE	APPLICATION RATE DOMARK® 100 EC	USE INSTRUCTIONS
GRAPES: TABLE AND WINE GRAPES Powdery mildew (<i>Oidium tuckeri</i>)	30 ml DOMARK® 100 EC per 100 ℓ WATER 45 ml DOMARK® 100 EC per 100 ℓ WATER	Apply preventatively or at the very early stages of infection, before symptoms are visible on vines. Commence spraying when the shoots are 100 to 250 mm long and repeat at 10- to 14-day intervals with 30 ml per 100 litres water or at 18- to 21-days intervals at 45 ml per 100 litres water. Apply as a full cover spray to the point of run-off in at least 250 to 1200 litres spray mix per hectare depending on the stage and size of vines and density in the vineyard. Ensure thorough coverage of the entire plant, including the bunches.
MANGOES: (Only for use in Limpopo) Powdery mildew (<i>Oidium mangiferae</i>)	40 ml DOMARK® 100 EC per 100 ℓ WATER	Apply as a full cover spray to the point of run-off. Ensure thorough coverage of the entire tree. Commence spraying at first sign of infection, usually at 50 % flowering and repeat every 14 days until end of flowering, at 100 % petal drop.

DOMARK® 100 EC: GEBRUIKSAANWYSINGS

WAARSKUWINGS:

VOOROES INTERVAL:

Laat die volgende aantal dae toe tussen die laaste bespuiting en oes:

TAFEL-EN WYNDRUIWE:- 14 DAE

- Hanteer versigtig.
- Kan oë irriteer en matige velirritasie veroorsaak.
- Hou buite bereik van kinders, diere en oningeligde persone.
- Berg weg van voedsel en voer.
- Berg in 'n koel, droë, goed-geventileerde plek in oorspronklike dig-geseëde houer. Vermoed temperature onder 0° C en bo 35° C.
- Vlambaar - hou weg van vuur en vonke.
- Moet nie gebruik word op gewasse wat in hidroponiese stelsels of in potte groei nie.
- Giftig vir voëls, visse en ander waterorganismes.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid 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 hierdie etiket aangedul is nie en die voorkoms van weerstand van siektes teen die betrokke middel, sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvar 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 ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in geval van enige onsekerheid

VOORSORGMAATREÛLS:

- Moet nie die spuitnewel of dampe inasem nie.
- Vermoed kontak met vel en oë.
- In geval van velkontak, was deeglik met seep en water.
- Was besoedelde klere.
- Dra rubberhandskoene en stofbrille wanneer die spuitmengsel aangemaak word.
- Voorkom die oorwaai van spuitnewel na ander gewasse, weiding, riviere, damme en enige area nie onder behandeling nie.
- Moet nie eet, drink of rook tydens toediening of meng, of voordat gesig en hande gewas is nie.

- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Maak toedieningsapparaat skoon na gebruik en gooi spoelwater uit waar dit nie gewasse, weiding, boorgate, riviere en damme sal besoedel nie.
- Spoel leë houër drie keer uit met 'n volume skoon water wat gelykstaande is aan ten minste 10% van die volume van die houër. Voeg hierdie uitspoelwater by die inhoud van die spuittenk voordat die houër vernietig word.
- Vernietig leë houër deur gate in te kap en moet nie dit vir enige ander doel hergebruik nie.

GEBRUIKSBEPERKINGS:

WEERSTANDSWAARSKUWING:

DOMARK® 100 EC bevat tetrakonasool (*triasool*) swamdoder met spesifieke aktiwiteit teen poeieragtige skimmel.

Vir **weerstandsbestuur** is **DOMARK® 100 EC** 'n groepkode 3 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **DOMARK® 100 EC** of enige ander groepkode 3 swamdoder het. Indien hierdie swamdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **DOMARK® 100 EC** of enige ander groepkode 3 swamdoder beheer word nie.

OM WEERSTAND TE VERTRAAG:

1. Vermyn die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode.
2. Wissel af met, of gebruik tenkmengsels van produkte uit verskillende swamdoder groepkodes.
3. Moet nie **DOMARK® 100 EC** meer as VIER maal per seisoen op dieselfde gewas toedien nie.
4. Gebruik slegs die aanbevole toedieningshoeveelhede.
5. Moet nie die aanbevole spuit-intervalle oorskry nie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui:

DOMARK® 100 EC is 'n sistemiese swamdoder met uitstekende beskermende eienskappe teen poeieragtige skimmel (*Oidium tuckeri*) op tafel- en wyndruiwe en poeieragtige skimmel (*Oidium mangiferae*) op mango's. **DOMARK® 100 EC** is mees effektief wanneer dit voorkomend, of in die vroeë stadia van infeksie, voor simptome op die plant sigbaar is, toegedien word.

MENGINSTRUKSIES:

Maak die spuit- of mengtenk halfvol met skoon water en begin dit roer.

Meet die benodigde hoeveelheid **DOMARK® 100 EC** af

en voeg geleidelik by die spuittenk. Roer aanhoudend tydens die proses. Moet nie die volle inhoud gelyktydig byvoeg nie. Laat genoeg tyd toe vir die produk om heeltemal in die spuit- of mengtenk te versprei.

Vul dan die tenk tot die vereiste watervolume. Dien onmiddellik toe. Moet nie die spuitmengsel laat oorstaan deur die hitte van die dag of oornag nie.

VERENIGBAARHEID:

Die verenigbaarheid van **DOMARK® 100 EC** met ander produkte kan beïnvloed word deur die formulering van die betrokke produkte, asook die gehalte van die spuitwater. Aangesien die formulering en eienskappe van ander produkte kan verander en die kwaliteit van water ook van plaas tot plaas kan varieer, moet 'n fisiese verenigbaarheidstoets altyd uitgevoer word voordat sulke mengsels toegedien word.

TOEDIENING:

DOMARK® 100 EC kan met konvensionele hoë volume spuitapparaat toegedien word.

Spuittoerusting: DOMARK® 100 EC moet toegedien word met geskikte spuitapparaat wat in goeie werkende toestand en korrek gekalibreer is, om die verlangde volume per hektaar en druppelgrootte toe te dien.

Dien as 'n voldekbepuiting op die blare toe en verseker deeglike en egalige bedekking van die hele plant.

GEWAS / SIEKTE	TOEDIENINGSHOEVEELHEID DOMARK® 100 EC	USE INSTRUCTIONS
DRUIWE: TAFEL- EN WYNDRUIWE Poeieragtige skimmel <i>(Oidium tuckeri)</i>	30 ml DOMARK® 100 EC per 100 l WATER	<p>Dien voorkomend toe of in die vroeë stadia van infeksie, voor simptome op die plante sigbaar is.</p> <p>Begin toediening wanneer die lote 100 tot 250 mm lank is en herhaal met 10- tot 14- dae intervalle teen 30 ml per 100 liter water of met 18- to 21-dae intervalle teen 45 ml per 100 liter water.</p> <p>Gebruik 'n volle dekbepuiting tot die punt van afloop in ten minste 250 tot 1200 liter spuitmengsel per hektaar afhangend van die stadium en grootte van die wingerdstokke en digtheid van die wingerd. Verseker deeglike bedekking van die hele plant, insluitend die trosse.</p>
MANGO'S: (slegs vir gebruik in Limpopo) Poeieragtige skimmel <i>(Oidium mangiferae)</i>	40 ml DOMARK® 100 EC per 100 l WATER	<p>Dien toe as 'n voldekbepuiting tot die punt van afloop. Verseker deeglike bedekking van die hele boom. Begin met toediening sodra die eerste tekens van infeksie voorkom, gewoonlik by 50 % blom en herhaal elke 14 dae tot die einde van die blomperiode, by 100% blomblaarval.</p>

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