



PROTIVO

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

GEBRUIKSAANWYSINGS INGESLUIT
VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK

Lotnummer
Datum van vervaardiging

PROTIVO

FUNGICIDE

Reg. No. L9247, Act/Wet No. 36 of/van 1947

1: 28/05/2013

A suspension concentrate fungicide with mesostemic properties for the control of diseases on crops as listed.

'n Suspensiekonsentraat swamdoder met mesostemiese eienskappe vir die beheer van siektes of gewasse soos aangedui.

FRAC FUNGICIDE GROUP CODE	11	FRAC SWAMDODER GROEPKODE
ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL		
Trifloxystrobin (strobilurin)	500 g/ℓ	Trifloksistrobien (strobilurien)

Registration Holder / Registrasiehouer
Meridian Agrochemical Company (Pty.) Ltd. / (Edms.) Bpk.
 Reg. No. 2000/010819/07
 P.O. Box / Posbus 436, Modderfontein, 1645, South Africa / Suid- Afrika

1ℓ

UN Number: 3082

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS AS PRINTED
ON CONTAINER / BAG

Batch Number
Date of manufacture

CAUTION /
VERSIGTIG

WARNINGS:

Withholding periods:

Citrus76 Days

NOTE: Withholding periods above are based on local requirements for residue levels and may differ from other countries to which treated products may be exported. If the treated crop is intended for export, please consult the relevant exporting body regarding the pre-harvest interval requirements of the countries to which the produce will be exported.

- **Protivo** has been tested on the most important commercial varieties without any phyto toxic effects. More susceptible cultivars may be released in future which will need to be tested; for this, apply **Protivo** to a limited test area before commercial applications are made
- May cause skin sensitivity.
- Poisonous if inhaled, swallowed or absorbed through the skin.
- Very poisonous to fish and other aquatic organisms.
- Store in the original, tightly closed container away from the sun in a dry well-ventilated area. Avoid temperatures extremes. Avoid storage below -10°C and above 35°C.
- Store away from food and feed
- Keep away from children, uninformed persons and animals.

Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing.

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 the 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

- Wear protective clothing such as an overall, rubber gloves and boots, face mask and shield whilst preparing the spray mixture and an overall and rubber boots whilst spraying.
- Do not inhale spray mist.
- Avoid contact with skin, eyes and clothing with the product or spray mix.
- Wash hands and entire body well with soap and water following use of this product.
- Do not eat, drink or smoke while preparing or applying the product or before washing face and hands.
- Wash contaminated clothing after use.
- If any indisposition occurs, stop work, follow first aid measures and call a physician.
- Avoid drift of spray mist onto other crops, grazing, rivers, dams, boreholes and other areas not under treatment.
- Clean equipment before and after use. Dispose of wash water where it will not contaminate crops pastures, rivers, dams or other water sources.
- Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container. Add rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Destroy the container and never use it for any other purpose.

MODE OF ACTION:

PROTIVO is a suspension concentrate formulation with mesostemic properties for the control of economically important diseases. **PROTIVO** is a fungicide of the chemical class strobilurins and is a QoI inhibitor fungicide. The biochemical mode of action of **PROTIVO** is respiration inhibition, obstructing electron transfer in the mitochondria of the cell and thus severely impairing fungal growth as well as development. On the plant surface, the primary biological mode of action is the inhibition of spore germination and germ tube extension. This prevents infection from taking place. When used according to instructions **PROTIVO** will effectively control citrus black spot (caused by *Guignardia citricarpa*).

RESISTANCE MANAGEMENT:

For resistance management, **PROTIVO** is a group code 11 (QoI) fungicide. Any fungus population may contain individuals naturally resistant to **PROTIVO** and other group code 11 fungicides. These resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **PROTIVO** or any other group code 11 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 mixes or alternations with products from fungicide group codes X and Y, refer to the applicable individual product labels.
- Integrate other proven control methods (chemical, cultural, biological) into disease control programmes.

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

Refer to the FRAC Web Site (www.frac.info/frac/index.htm) for the latest guidelines.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

Read the entire label before application.

USE RESTRICTIONS

- Apply according to good agricultural practices: Integrated Pest Management (IPM) and anti-resistant management programme.
- For effective disease control, apply at least 2 consecutive applications of **PROTIVO** in a preventative spray programme with unrelated fungicides.
- A maximum of 3 strobilurin (QoI inhibitor) fungicide applications per season per crop are recommended.
- There is no cross-resistance between strobilurins and fungicides of other chemical classes e.g. ergosterol biosynthesis inhibitors, anilinopyrimidines and phenylpyrroles.
- Do not apply products with the same biochemical mode of action (QoI inhibitor) e.g. azoxystrobin, kresoxim-methyl, trifloxystrobin, picoxystrobin, pyraclostrobin, famoxadone and fenamidone in the same crop spray programme.
- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label. Meridian Agrochemical Company (Pty) Ltd accepts no responsibility for any negative effects experienced if the instructions on this label are not adhered to, unless a Meridian representative was consulted beforehand
- Do not apply **PROTIVO** to any crop or situation not mentioned in this instruction leaflet.

COMPATIBILITY

The compatibility of **PROTIVO** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time without the knowledge of Meridian Agrochemical Company and the quality of water may vary from farm to farm, it is recommended that a physical compatibility test be done prior to the tank mixture being made. When applying a mixture of **PROTIVO met Mancozeb 800 WP** and a **light to medium narrow range mineral oil**, do not mix with additional crop protection chemicals. Refer to the particular labels of each respective product for directions regarding their use.

Crop safety with **PROTIVO** in tank mixtures with these products has been evaluated locally on these crops. Although **PROTIVO** showed physical compatibility and plant tolerance on these crops in tank

mixtures with other products, crop safety of tank mixtures with other products can not be guaranteed. It is not possible to test the crop safety of tank mixtures with all products. Meridian Agrochemical Company (Pty) Ltd can therefore not be held responsible for damage to crops, resulting from tank mixtures with products or formulations not tested.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED.

Read the entire label before application.

MIXING INSTRUCTIONS

Ensure that the application equipment is clean and not contaminated. Flush the sprayer with clean water after application or at the end of the day by spraying the rinsate at a dilution rate of at least 1:10 (spray mixture: water) on the crop. If **PROTIVO** is tank mixed with other products, it should be mixed first followed by the other products. If the other products are packed in water soluble bags, it should be mixed first followed by the **PROTIVO**.

Tractorised mistblower and air assisted recycling sprayers.

- Fill the spray tank 1/3 with water.
- Ensure Continuous agitation.
- Remove the filter on the top of the tank. Pour the required quantity of product (with the pouring spout or with the measuring device), directly into the tank and continue to agitate the mixture. Do not prepare **PROTIVO** as a slurry.
- Where tank mixtures are made – wait until **PROTIVO** is completely dispersed before adding the partner products.
- Continue agitating and fill the tank with water.

Ensure thorough agitation of the mixture in the tank during mixing and spraying.

APPLICATION TECHNIQUES:

Ground application

PROTIVO may be applied using conventional spray equipment. Calibrate the apparatus before application to ensure that the correct dosage is applied. The distribution of the spray volume must be uniform throughout the target area.

APPLICATION VOLUME

- Ensure that the correct amount of fungicide is applied per hectare. This is calculated from the tree row volume (TRV) formula (see below)

The water volume to be applied per hectare should be calculated according to the TRV formula:

$$\ell/\text{ha} = \frac{\text{Tree Height} \times \text{Tree diameter} \times 937}{\text{Row width}}$$

The TRV calculation is the volume of water required when the trees are in full leaf. Use the water volume required per hectare to calculate the amount of **PROTIVO** required per hectare according to the various growth stages of a tree during the season.

- **Water requirements per hectare as recommended according to the different growth stages of a tree:**

Growth Stage	% High volume water requirements / ha
From greentip to ± 30% blossom	60%
From ± full blossom to ± middle November	80%
From ± start December	100%

RECOMMENDATIONS

CROP AND DISEASE	PROTIVO/100 ℓ water	REMARKS
Citrus (excluding lemons: Black spot (<i>Guignardia citricarpa</i>)	<p>200 g / 100 ℓ copper oxychloride (800 g/ kg) or 200 g / 100 ℓ Mancozeb 800 WP</p> <p>10 m ℓ PROTIVO / 100 ℓ water + 200 g/100 ℓ copper oxychloride Or 10 m ℓ PROTIVO / 100 ℓ water + 150g Mancozeb 800 WP + 300 m ℓ light to medium narrow range oil.</p> <p>200 g/100 ℓ copper oxychloride or 200 g Mancozeb 800 WP /100 ℓ</p>	<p>Apply at or soon after petal fall</p> <p>See notes below:</p> <p>Apply the first PROTIVO spray 21-24 days after the first copper oxychloride or Mancozeb 800 WP application.. Apply the second PROTIVO spray 6 weeks later.</p> <p>Apply copper oxychloride or Mancozeb 800 WP 6 weeks after the second PROTIVO application. Repeat the copper oxychloride or Mancozeb 800 WP application after 21-24 days if conditions favour the development of late infections.</p>

NOTES:

- To comply with resistance management strategies for QoI fungicides, it is **extremely** important to apply **PROTIVO** in a spray programme with **copper oxychloride or Mancozeb 800 WP**. The correct timing of application is also of critical importance to maintain a high level of control.
- Apply **PROTIVO** in a programme as recommended below, starting with **copper oxychloride or Mancozeb 800 WP** soon after petal fall, followed by two **PROTIVO** applications. A further spray of at least one **copper oxychloride or Mancozeb 800 WP** application must complete the programme.
- **PROTIVO** has limited curative abilities and **must always** be applied as a **preventive** treatment.
- Do not apply **PROTIVO** on old neglected citrus trees as the conditions in such trees favour the development of fungicide resistance.
- Ensure good coverage of the fruit with a medium to full cover spray, adjusting water volume according to tree size.
- Refer to the respective **copper oxychloride, Mancozeb 800 WP or light to medium narrow range oil** labels for directions regarding their applications.
- Do not apply any **spirodiclofen containing** products such as Envidor 240 SC within 30 days before or after the application of **PROTIVO**.

ACKNOWLEDGEMENT OF TRADEMARKS

Envidor 240 SC (L 7076)
Mancozeb 800 WP (L 9169)

Bayer (Pty) Ltd.
Meridian Agrochemical Company (Pty) Ltd

WAARSKUWINGS:

Onthoudingsperiodes:

Sitrus 76 dae

NOTA: Bogenoemde onthoudingsperiodes is gebaseer op plaaslike vereistes vir residuvlakke en mag verskil van ander lande waarheen behandelde produkte moontlik uitgevoer mag word. Indien die behandelde gewas vir die uitvoermark bestem is, skakel met die betrokke uitvoerliggaam rakende onthoudingsperiodes wat van toepassing is op die lande waarvoor die gewas bestem is.

- **Protivo** is sonder enige fitotoksiseitskade op die mees belangrikste kommersiële kultivars getoets. Meer vatbare kultivars mag in die toekoms vrygestel word wat eers getoets moet word; hiervoor moet **Protivo** eers op 'n klein toetsoppervlakte aangewend word, alvorens groot kommersiële bespuitings gemaak word.
- Mag velsensitiwiteit veroorsaak;
- Giftig indien ingeasem, ingeneem of deur die vel geabosorbeer.
- Uiters giftig vir visse en ander waterorganismes.
- Bêre in die oorspronklike, digsluitende houër, weg van sonlig in 'n droë goed geventileerde vertrek. Vermoë temperatuur uiterstes. Vermoë berging onder -10°C en bokant 35°C;
- Hou buite bereik van kinders, oningeligte persone en diere.
- Hou weg van voedsel en voer.

Herbetreding: Moet nie behandelde gebied betree alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word.

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 klimaats- en bergingstoestande, kwaliteit van verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die siekte 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 effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om die etiketaanwysings na te kom of 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 die geval van enige onsekerheid.

VOORSORGMAATREËLS

- Dra beskermende klere soos 'n oorpak, rubberstewels en gesigskerm terwyl die spuitmengsel aangemaak word. 'n Oorpak en rubberstewels moet tydens die bespuiting gedra word.
- Moet nie die spuitnewel inasem nie.
- Vermoë kontak met die vel, oë, klere deur die produk of spuitmengsel.
- Was hande en hele liggaam met seep en water na gebruik van hierdie produk.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat gesig en hande gewas is nie.
- Was besoedelde klere na gebruik.
- Indien enige ongesteldheid voorkom, staak werk, pas noodhulp toe en kontak 'n geneesheer.
- Voorkom wegdrywing van spuitnewel na ander gewasse, weidings, riviere, damme, boorgate en ander gebiede wat nie onder behandeling is nie.
- Maak toedieningsapparaat skoon voor en na gebruik. Raak ontslae van uitspoelwater waar dit nie gewasse, weiding, riviere, damme of enige ander waterbronne kan besoedel nie.
- Spoel die leë houër **drie keer** uit met 'n volume water wat gelyk aan ten minste van 10% van die houër. Gooi die spoelwater by die inhoud van die spuittenk voordat die leë houër op die voorgeskrewe wyse vernietig word.
- Vernietig die houër en moet dit nie vir enige ander doel gebruik nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.

METODE VAN WERKING

PROTIVO is 'n suspensiekonsentraatformulering met mesostemiese eienskappe vir die beheer van ekonomies belangrike siektes. **PROTIVO** is 'n swamdoder van die chemiese klas Strobilurieni en is 'n QoI-inhiberende swamdoder. Die biochemiese metode van werking van **PROTIVO** is die inhibisie van respirasie, deur voorkoming van elektronvervoer in die mitokondriale selle wat lei tot ernstige inperking van swamgroei sowel as die ontwikkeling daarvan. Op die plantoppervlak is die primêre biologiese metode van werking die inhibisie van spoorontkieming en kiembuisontwikkeling, wat die voorkoms van infeksie bekamp.

Indien volgens voorskrif gebruik word, sal **PROTIVO** sitrus swartvlek (deur *Guignardia citricarpa* veroorsaak) effektief beheer.

WEERSTANDBESTUUR:

Vir weerstandbestuur, is **PROTIVO** 'n Groepkode 11 (QoI) swamdoder. Enige swampopulasie mag individue insluit wat 'n natuurlike weerstand teen **PROTIVO** en ander Groepkode 11 swamdoders het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **PROTIVO** of enige ander Groepkode 11 swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Verminder die eksklusiewe herhaaldelike gebruik van swamdoders in dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van, produkte in verskillende swamdodergroepcodes.
- Sien toepaslike individuele produketikette wanneer daar afgewissel word, of tenkmengsels gemaak word, met produkte in swamdodergroepcodes X of Y.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siektebeheerprogramme.

Vir spesifieke inligting oor weerstandbestuur, kontak die registrasiehouer van hierdie produk.

Verwys na die **FRAC** Webwerf ([www.frac.info / frac / index.htm](http://www.frac.info/frac/index.htm)) vir die nuutste riglyne.

GEBRUIKSAANWYSINGS: Gebruik slegs soos voorgeskryf.

Lees die volledige etiket voor toediening.

GEBRUIKSBEPERKINGS

- Dien toe volgens goeie landboupraktyke: Geïntegreerde Plaagbeheer (IPM) en Anti-weerstandbestuurprogramme.
- Vir effektiewe siektebeheer, moet daar ten minste 2 opeenvolgende **PROTIVO** bespuitings in 'n voorkomende spuitprogram met onverwante swamdoders gedoen word.
- Dien 'n maksimum van 3 Strobilurieni (QoI inhiberende) swamdoderbespuitings per seisoen per gewas toe.
- Daar is geen kruisweerstand tussen strobilurieni en swamdoders van ander chemiese klasse soos bv. ergosterol biosintese-inhibeerders, anilienopirimidien en fenilpirole nie.
- Moet nie produkte met dieselfde biochemiese metode van werking (QoI inhiberende) soos bv. asoksistrobien, kresoksim-metiel, trifloksistrobien, pikosistrobien, piraklostrobien, famoksadoon en fenamidoon in dieselfde gewasspuitprogram toedien nie.
- Moet nie hierdie produk in kombinasie of tenkmengsels met enige ander produk of landboumiddel wat nie spesifiek op die etiket gelys is toedien nie. Meridian Agrochemical Company (Edms.) Bpk. aanvaar geen verantwoordelikheid vir enige negatiewe gevolge wat ervaar sal word as die instruksies op die etiket nie nagekom word nie, tensy 'n Meridian verteenwoordiger vooraf geraadpleeg is.
- Moet nie **PROTIVO** toedien op enige gewas of situasie wat nie op hierdie etiket verskyn is nie.

VERENIGBAARHEID

Die verenigbaarheid van **PROTIVO** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Aangesien die formulering van tyd tot tyd sonder die medewete van Meridian Agrochemical Company kan verander en die kwaliteit van die water ook van plaas tot plaas kan varieer, word dit aanbeveel om vooraf 'n fisiese verenigbaarheidstoets uit te voer voordat die spuitmengsel aangemaak word. Wanneer **PROTIVO** in 'n mengsel met **Mancozeb 800 WP** en 'n **ligte tot medium nou-spektrum minerale olie** toegedien word, moet geen ander

gewasbeskermingsmiddels bygevoeg word nie. Verwys na die spesifieke etikette van elke betrokke produk vir aanwysings oor die gebruik daarvan.

Gewasveiligheid met **PROTIVO** in tenkmengsels met hierdie produkte is plaaslik op die gewasse getoets. Alhoewel **PROTIVO** fisiese verenigbaarheidstoets en plantverdraagsaamheid op hierdie gewasse in tenkmengsels met ander produkte gewys het, kan die gewasveiligheid van tenkmengsels met ander produkte nie gewaarborg word nie. Dit is nie moontlik om die gewasveiligheid van tenkmengsels met alle produkte te toets nie. Meridian Agrochemical Company (Edms.) Bpk. kan dus nie verantwoordelik gehou word vir skade aan gewasse, as gevolg van tenkmengsels met produkte of formulerings wat nie getoets is nie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos voorgeskryf.

Lees die volledige etiket voor toediening.

MENGINSTRUKSIES

Verseker dat die spuitapparaat skoon en nie besoedel is nie. Spoel die spuitapparaat met skoon water na toediening uit, of aan die einde van die dag spuit die spoelwater met 'n verdunning van ten minste 1:10 (spuitemengsel: water) op die gewas uit. As **PROTIVO** in 'n tenkmengsel met ander produkte toegedien word, moet dit eerste gemeng word en dan die ander produkte. Indien die ander produkte in wateroplosbare sakkies verpak is, moet dit eers gemeng word en dan die **PROTIVO**.

Trekeraangedrewe newelblasers en lugdrukspuitapparaat.

- Vul die spuittenk met 1/3 water.
- Verseker deurlopende roering.
- Verwyder die filter bo-op die tenk. Gooi die verlangde hoeveelheid produk (met die tregtertuit of met die maatbeker), direk in die tenk in en hou aan om die mengsel te roer. Moet nie **PROTIVO** voor die tyd as 'n dik room/ flodder aanmaak nie;
- Wanneer tenkmengsels gemaak word, wag eers totdat **PROTIVO** heeltemal gedispergeer het, voordat die ander produkte bygegooi word.
- Hou aan met roer en maak die spuittenk vol met water.

Verseker deeglike vermenging van die mengsel in die tenk tydens vermenging en toediening.

TOEDIENINGSTEGNIEKE:

Grondtoediening

PROTIVO kan word met konvensionele spuitapparate toegedien word. Kalibreer die spuitapparaat voor toediening om te verseker dat die korrekte dosis gelewer word. Die verspreiding van die spuitvolume moet egalig oor die teikengebied wees.

TOEDIENINGSHOEVEELHEDE

- Verseker dat die korrekte hoeveelheid swamdoder per hektaar toegedien word. Dit word volgens die boomryvolume (BRV)-formule bereken (sien onder).

Die water volume wat per hektaar toegedien word, moet volgens die BRV-formule bereken word:

$$\ell/\text{ha} = \frac{\text{Boomhoogte} \times \text{Boomdeursnit} \times 937}{\text{Rywydte}}$$

Die BRV-berekening gee die volume van die water wat benodig word wanneer die bome in volle blad is. Gebruik die watervolume per hektaar om die hoeveelheid **PROTIVO** te bereken wat per hektaar benodig word tydens die verskillende groeistadia van 'n boom gedurende die seisoen.

- **Watervolumes per hektaar soos aanbeveel vir die verskillende groeistadia van 'n boom:**

Groeistadium	% Hoë volume waterbehoefte / ha
Vanaf groenpunt tot ± 30% blom	60%
Vanaf ± volblom tot ± middel November	80%
Vanaf ± begin Desember	100%

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AANBEVELINGS

GEWAS EN SIEKTE	DOSIS/100 ℓ water	OPMERKINGS
Sitrus (uitgesluit suurlemoene): Swartvlek (<i>Guignardia citricarpa</i>)	200g /100 ℓ Koperoksichloried (800g /kg) of 200g /100 ℓ Mancozeb 800 WP 10 ml PROTIVO / 100 ℓ water + 200g/100 ℓ Koperoksichloried of 10 ml PROTIVO / 100 ℓ water + 150g Mancozeb 800 WP + 300 ml ligte tot medium nou-spektrum minerale olie. 200 g/100 ℓ Koperoksichloried of 200 g Mancozeb 800 WP /100 ℓ	Dien toe by blomblaarval, of kort daarna. Sien die nota hieronder: Dien die eerste PROTIVO bespuiting 21-24 dae na die eerste koperoksichloried of Mancozeb 800 WP bespuiting toe. Dien die tweede PROTIVO bespuit 6 weke later toe. Dien Koperoksichloried of Mancozeb 800 WP 6 weke na die tweede PROTIVO bespuiting toe. Herhaal die Koperoksichloried of Mancozeb 800 WP toediening 21-24 dae later indien gunstige toestande vir laat infeksies voorkom.

NOTA:

- Om te voldoen aan die weerstandbestuur strategieë vir QoI swamdoders, is dit **uiters** belangrik om **PROTIVO** in 'n spuitprogram met Koperoksichloried of **Mancozeb 800 WP** te gebruik. Die korrekte tydsberekening van toedienings is ook van kritiese belang om 'n hoë vlak van beheer te verseker.
- Dien **PROTIVO** toe in 'n program soos hierbo aanbeveel, beginnende met Koperoksichloried of **Mancozeb 800 WP** kort na blomblaarval, gevolg deur twee **PROTIVO** toedienings. Ten minste een verdere bespuiting met **Koperoksichloried** of **Mancozeb 800 WP** moet die program voltooi.
- **PROTIVO** het beperkte kuratiewe eienskappe en **moet altyd voorkomend** toegedien word.
- Moet nie **PROTIVO** op ou verwaarloosde sitrusbome toedien nie, aangesien die toestande in sulke bome die ontwikkeling van swamdoderweerstand bevorder.
- Verseker goeie bedekking van die vrugte met 'n medium tot volle dekbespuiting, pas die water volume volgens die grootte van die boom aan.
- Verwys na die onderskeie Koperoksichloried, **Mancozeb 800 WP** of **ligte tot medium nou-spektrum minerale olie** etikette vir aanwysings rakende die toediening van hierdie middels.
- Moet nie enige **spirodiclofen bevattend** produkte soos Envidor 240 SC binne 30 dae voor of na die toediening van **PROTIVO**, toedien nie.

ERKENNING VAN HANDELSMERKE

Envidor 240 SC (L 7076)
 Mancozeb 800 WP (L 9169)

Bayer (Edms.) Bpk.
 Meridian Agrochemical Company (Edms.) Bpk.