



CYPROCIDE WG

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

**VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK**

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CYPROCIDE WG

FUNGICIDE

Reg. No. L9058, Act/Wet No. 36 of/van 1947 1:13/12/2012

A water dispersable granule, contact and translaminar fungicide for the control of *Botrytis* on grapes.

'n Waterdispergeerbare korrel, kontak en translaminêre swamdoder vir die beheer van *Botrytis* op druiwe.

FRAC FUNGICIDE GROUP CODE	9;12	FRAC SWAMDODER GROEPKODE
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ACTIVE INGREDIENTS / AKTIEWE BESTANDELE		
Cyprodinil (anilinopyrimidine)	375 g/kg	Siprodinil (anilienopirimidien)
Fludioxonil (phenylpyrole)	250 g/kg	Fludioksinil (fenielpirool)

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

1kg

UN Number: 3077

CAUTION / VERSIGTIG

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

Lotnummer
Datum van vervaardiging

**GEBRUIKSAANWYSINGS INGESLUIT
VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK**

Lotnummer
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WARNINGS

Allow the following number of days between last treatment and harvest or use as food or feed:

Grapes.....28 days

IMPORTANT: The recommended withholding period between last application and harvest meets local residue requirements, but may not meet export requirements.

- Handle with care.
- Toxic to aquatic organisms.
- Harmful by contact, swallowing and inhalation.
- Store under lock and key in a cool dry place.
- Store away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry** – Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **CYPROCIDE WG** has been tested on some of the most important commercial cultivars without any phytotoxic effects. More susceptible cultivars may be released in future which need to be tested; for this apply **CYPROCIDE WG** to a limited test area before commercial applications are made.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The activity 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, 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 by 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

- Do not inhale dust or spray mist.
- Avoid skin and eye contact by wearing protective clothing when mixing or applying the product. Should eye contact occur, flush with plenty of water and get medical attention if necessary.
- Wash with soap and water after use and accidental skin contact as well as contaminated clothing.
- Wash contaminated clothing after use.
- When spraying, avoid contact with skin or inhalation of spray mist.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use. Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Do not use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

For resistance management, **CYPROCIDE WG** is a group code 9 and 12 fungicide. Any fungus population may contain individuals naturally resistant to **CYPROCIDE WG** and other group code 9 and 12 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CYPROCIDE WG** or any other group code 9 and 12 fungicide.

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.
- A spray programme of mixtures or alternations with remedies with a different mode of action may delay resistant strain build-up.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

For specific information on resistance management, contact the registration holder of this product. Since the occurrence of resistance cannot be forecast, users are advised to keep treated crops under close observation. If treatment is not effective following the use of **CYPROCIDE WG** as recommended, a resistant strain may be present. If a resistant strain is positively identified, consideration should be given to prompt use of a fungicide with a different mode of action for which there is no record of resistance to the relevant disease.

NOTE:

CYPROCIDE WG is a fungicide with translaminar, systematic and contact properties for the control of *Botrytis* (*Botrytis cinerea*). Cyprodinil inhibits the bio-synthesis of amino acids and does not interfere in the synthesis of ergosterol. Cyprodinil is translaminar and acropetal with no basipetal translocation. Fludioxonil is a contact fungicide and inhibits the germination of conidia, the germ tube and mycelial growth.

USE RESTRICTIONS

- The uptake and activity of systemic compounds can be reduced when crops are under severe drought and/or nutrient stress conditions. Therefore, do not apply **CYPROCIDE WG** under such conditions.
- Spray programmes with **CYPROCIDE WG** should commence before disease/s become established.
- Do not apply **CYPROCIDE WG** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **CYPROCIDE WG** using an accurate and safe application technique.
- If **CYPROCIDE WG** is used in a tank mix with other recommended products, consideration should be given to the restrictions of those respective products.

DIRECTIONS FOR USE

Use only as directed

MIXING INSTRUCTIONS

Half-fill the spray tank with suitable water. Add the pre-mixed products to the tank while agitating. Fill the spray tank to the desired volume. Do not use brackish water. Should tank mixtures with other products be made, follow the respective manufacturers' label recommendations. **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank.** Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

COMPATIBILITY

The compatibility of **CYPROCIDE WG** 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 it is recommended that a physical compatibility test be done prior to the tank mixture being made. **CYPROCIDE WG** should be compatible with most agricultural remedies normally used in vines.

APPLICATION METHODS

Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application. **CYPROCIDE WG** can be applied with conventional ground applicators as well as high volume mist blowers. Ensure complete coverage of the target area by using medium to fine droplets. **Constant agitation throughout the spray operation is essential.** Only clean water should be used.

RECOMMENDATIONS

CROP/DISEASE	APPLICATION RATE	REMARKS
Wine and Table grapes Grey mould (<i>Botrytis cinerea</i>)	40 g/100 l	CYPROCIDE WG may be applied during any two application stages, 1) from full blossom 2) pea berry size 3) colouring Follow a complete spray programme against

		Botrytis by applying unrelated fungicides for the rest of the application stages.
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- Always include alternative remedies in the total spray programme which will effectively control grey mould.
- Always spray every row from both sides.
- Summer pruning is recommended to improve spray penetration and coverage.

WAARSKUWINGS

Laat die volgende aantal dae toe tussen die laaste behandeling en oes, of vir gebruik as voedsel of voer:

Druive.....28 dae

BELANGRIK: Die aanbevole onthoudingsperiode tussen laaste toediening en oes is voldoende vir plaaslike residu vereistes, maar mag dalk nie voldoende vir uitvoer vereistes wees nie.

- Hanteer versigtig.
- Skadelik deur velkontak en as die produk ingesluk of ingeasem word.
- Skadelik vir waterorganismes.
- Berg agter slot-en-grendel in 'n koel en droë plek.
- Berg weg van voedsel, voer, kunsmis en ander landbouprodukte.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moet nie behandelde gebiede betree alvorens die spuitneerslag droog is nie, tensy beskermde oorklere gedra word.
- **CYPROCIDE WG** is sonder enige fitotoksiseitskade op die mees belangrikste kommersiële kultivars getoets. Meer sensitiewe kultivars mag in die toekoms vrygestel word wat eers getoets moet word; hiervoor moet **CYPROCIDE WG** eers op 'n klein toetsoppervlakte aangewend word, alvorens groot kommersiële bespuitings gemaak 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. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander produkte 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 prestasie van die betrokke middel 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.

VOORSORGMATREËLS

- Moet nie die stof of spuitnewel inasem nie.
- Vermy kontak met die vel en oë deur beskermende oorklere te dra wanneer die produk gemeng word. Indien oogkontak plaasvind, spoel uit met groot hoeveelhede water en verkry mediese advies indien nodig.
- Was met seep en koue water onmiddellik na gebruik en toevallige velkontak; so ook die besoedelde klere.
- Was besoedelde klere onmiddellik na gebruik.
- Vermy kontak met die vel en inaseming van die spuitnewel tydens toediening van die produk.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Vermy wegdrywing van spuitnewel op ander gewasse, weiding, riviere, damme en plekke wat nie behandel moet word nie.
- Maak toedieningsapparaat skoon na gebruik. Uitspoelwater moet nie gewasse, weiding, riviere, damme en boorgate besoedel nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.
- Vernietig die leë houers en moet vir geen ander doel gebruik nie.

WEERSTANDSWAARSKUWING

CYPROCIDE WG is 'n groepkode 9 en 12 swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **CYPROCIDE WG**, of enige ander

groepkode 9 en 12 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **CYPROCIDE WG** of enige ander groepkode 9 en 12 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 swamdodergroepkodes.
- 'n Spuitprogram of tenkmengsels met middels met 'n ander metode van werking kan die opbou van weerstandbiedendheid vertraag.
- Integreer ander beheermaatreels (chemies, verbouing, biologies) in siektebeheerprogramme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk. Die voorkoms van weerstand kan nie voorspel word nie en gebruikers word aanbeveel om behandelde gewasse noukeurig te monitor. Indien bevredigende resultate nie behaal word na die korrekte gebruik van **CYPROCIDE WG** nie, mag weerstandbiedende individue in die swampopulasie teenwoordig wees. Indien weerstand positief bevestig is, moet ernstige oorweging geskenk word aan die onmiddellike gebruik van 'n produk met 'n verskillende werkswyse, waarteen weerstand van die betrokke swamsiekte nie bevestig is nie.

NOTA

CYPROCIDE WG is 'n swamdoder met translaminêre, sistemiese en kontak eienskappe vir die beheer van Botrytis (*Botrytis cinerea*). Siprodinil inhibeer die biosintese van aminosure en het geen invloed op die sintese van ergosterol nie. Siprodinil is translaminêr en akropetaal met geen basipetale translokasie nie. Fludioksonil is 'n kontakswamdoder en inhibeer saad- en kiembuisontkieming asook miseliumgroei.

GBRUIKSBEPERKINGS

- Die opname en aktiwiteit van sistemiese swamdoders kan verlaag word wanneer gewasse onder ernstige vogstremming en/of voedingsgebrek ly. Wanneer die gewas dus onder hierdie stremmingstoestand verkeer, word 'n toediening van **CYPROCIDE WG** nie aanbeveel nie.
- Begin spuitprogramme met **CYPROCIDE WG** voordat die siekte(s) posvat.
- Moet nie **CYPROCIDE WG** op enige gewas of situasie toedien wat nie op hierdie etiket verskyn nie.
- Dien **CYPROCIDE WG** slegs met akkurate en veilige toedieningsmetodes toe.
- As **CYPROCIDE WG** met ander middels in tenkmengsels gebruik word, moet die gebruiksaanwysings van daardie betrokke produkte gevolg word.

GBRUIKSAANWYSINGS

Gebruik slegs soos aangedui

MENGINSTRUKSIES

Maak die spuittenk halfvol met geskikte water. Voeg die voorafgemengde produkte in die tenk terwyl dit geroer word. Vul die spuittenk tot die verlangde volume. Moenie brakwater gebruik nie. Indien tenkmengsels met ander produkte gemaak word, volg die betrokke vervaardiger se etiketaanbevelings. **Die tenkmengsel moet onmiddellik uitgespuit word en nie toegelaat word om in die spuittenk te staan nie.** Die spuittoerusting moet deeglik uitgespoel word aan die einde van toediening.

VERENIGBAARHEID

Die verenigbaarheid van **CYPROCIDE WG** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Omdat formulering van tyd tot tyd kan verander, word dit aanbeveel dat 'n fisiese verenigbaarheidstoets uitgevoer word

alvorens die tenkmengsel gemaak word. **CYPROCIDE WG** behoort met die meeste landboumiddels wat normaalweg in wingerde gebruik word verenigbaar te wees.

TOEDIENINGSMETODES

Maak seker dat die spuittoerusting korrek gekalibreer is en gereelde kontrole-toetse moet gedoen word om te verseker dat die toediening egalig en akkuraat is. **CYPROCIDE WG** kan toegedien word met konvensionele grondspuite sowel as hoë-volume newelblasers. Verseker 'n goeie bedekking met medium tot fyn druppelgroottes. **Die mengsel moet aanhoudend en deeglik geroer word tydens toediening.** Slegs skoon water moet gebruik word.

AANBEVELINGS

GEWAS/SIEKTE	DOSIS	OPMERKINGS
<p>Wyn en Tafeldruive</p> <p><i>Botrytis (Botrytis cinerea)</i></p>	<p>40 g/100 l</p>	<p>CYPROCIDE WG kan tydens enige twee toedieningstadiums toegedien word</p> <ol style="list-style-type: none"> 1) vanaf blom 2) ertjekorrelgrootte 3) verkleuring <p>Volg 'n volledige spuitprogram teen <i>Botrytis</i> deur onverwante swamdoders vir die res van die toedienings intervalle te gebruik.</p>

- Sluit altyd alternatiewe middels wat *Botrytis* doeltreffend beheer in die totale spuitprogram in.
- Spuit altyd elke ry aan beide kante.
- Loofbeheer in die somer word aanbeveel om penetrasie van die spuitmengsel te verbeter, en om lugvloei in die blaredak te verbeter.