



The miracles of science™

CURZATE® 600 WG

SOUTH AFRICA

Reg. No. L10150 Act No. 36 of 1947

NAMIBIA

Reg. No. N-AR1648 Act No. 36 of 1947

SUID AFRIKA

Reg. Nr. L10150 Wet Nr. 36 van 1947

NAMIBIË

Reg. Nr. N-AR1648 Wet Nr. 36 van 1947

A water dispersable granule fungicide, which is locally systemic and offers both preventative and curative control of downy mildew (*Plasmopara viticola*) on table and wine grapes.

'n Water disperseerbare korrel swamdoder met lokaal sistemiese, voorkomende en kuratiewe beheer van donsige skimmel (*Plasmopara viticola*) op tafel- en wyndruiwe.

FUNGICIDE GROUP CODE	27	SWAMDODER GROEP KODE
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ACTIVE INGREDIENT

Cymoxanil (ethyl urea)

600 g/kg

AKTIEWE BESTANDDEEL

Simoksanil (etielurea)

Nett Mass

**500g,
1.5kg**

Netto Massa**REGISTERED BY /****GEREGISTREER DEUR:**

DU PONT DE NEMOURS INT. S.A.

Co. Reg. No. 81/008502/10

P. O. BOX / POSBUS 3332

HALFWAY HOUSE 1685

Tel: (012) 683-5600

Website: www.dupont.co.za

24 HOUR/UUR EMERGENCY**NUMBER/ NOODNOMMER:**

083 123 3911

EXPIRY DATE

BATCH NUMBER

DATE MANUFACTURED

VERVALDATUM

LOTNOMMER

DATUM VERVAARDIG

UN No. / VN Nr. 3077



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Contains Cymoxanil

WARNINGS:

ALLOW THE FOLLOWING WITHHOLDING PERIOD BETWEEN LAST APPLICATION AND HARVEST:

Wine grapes - 28 days

Table grapes – 28 Days (Do not apply after pea size).

- Handle with care.
- May irritate eyes, nose, throat and skin.
- May cause skin sensitization.
- Harmful if inhaled or swallowed.
- Keep out of reach of children, uninformed persons and animals.
- Toxic to fish.
- Store away from food and feeds. Store in original container, tightly closed, in a secure and well-ventilated room.
- Do not use on hydroponically grown crops or on any container-grown crops.

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:

- Avoid excessive inhalation of dust or spray mist. Wear mask, face shield and gloves.
- Avoid contact with skin, eyes and clothing.
- Wash with soap and water after use and accidental skin contact.
- Do not eat, drink or smoke whilst applying, mixing, before washing hands and face or change of clothing.
- If you feel unwell get medical advice immediately (Show label if possible).
- Prevent spray drift onto crops not under treatment or adjacent water sources.
- Protect against humid air and water. Do not allow to become damp and then warmed in storage as it will generate flammable vapours.
- Containers and packages must be completely emptied before being disposed of.
- Shake out thoroughly into the mixing or spray tank before destroying the empty container.
- Never re-use the container for any other purpose.

FIRST AID MEASURES:

Description of first aid measures:

General advice:

- Never give anything by mouth to an unconscious person.
- For specialist advice contact the 24 hour emergency number 083 123 3911
- Have the product container or label with you when calling the emergency number, a doctor, or going for treatment.
- See Label for Additional Precautions and Directions for Use.

Inhalation:

- Move to fresh air.
- Consult a physician after significant exposure.
- Artificial respiration and/or oxygen may be necessary.

Skin contact:

- The material is not likely to be hazardous by skin contact, but cleansing the skin after use is advisable.

Eye contact:

- If easy to do, remove contact lens, if worn.
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- If eye irritation persists, consult a specialist.

Ingestion:

- If swallowed, call a poison control centre or doctor immediately.
- Have person sip a glass of water if able to swallow.
- DO NOT induce vomiting unless directed to do so by a physician or poison control center.
- Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed:

Symptoms:

Eye contact may provoke the following symptoms: Conjunctivitis.

Skin contact may provoke the following symptoms: Local irritation

Inhalation may provoke the following symptoms: Rhinitis

Ingestion may provoke the following symptoms: Gastrointestinal disturbance, Nausea, Diarrhoea, Vomiting

Indication of any immediate medical attention and special treatment needed:

Treatment:

Treat symptomatically.

RESISTANCE MANAGEMENT

CURZATE® 600 WG (Cymoxanil) must be used in tank mixtures with Mancozeb containing fungicides (Group M3) that has a different mode of action than Cymoxanil. Cymoxanil is active against strains that are resistant to phenylamide fungicides.

When fungicides with the same mode of action are used repeatedly over several years in the same field, naturally occurring less sensitive strains may survive, propagate and become dominant in that field. A pathogen is considered resistant to a fungicide if it survives a correctly applied treatment at the recommended dose and timing, under normal weather conditions.

Development of resistance within a pathogen can be prevented or delayed by alternating or mixing products with a different mode of action.

DIRECTIONS FOR USE:

USE ONLY AS DIRECTED

COMPATIBILITY

CURZATE® PRO is compatible with Dithane™ M45 800 WP NT (Reg. No. L7484, Act No. 36 of 1947), Unizeb® 800 WP (Reg. No. L8056, Act No. 36 of 1947), Cozeb® 800 WP (Reg. No. L5698, Act No. 36 of 1947) and Ventum 800 WP (Reg. No. L8691, Act No. 36 of 1947) in grapes.

CURZATE® 600 WG is usually compatible with most products which have neutral or acidic reactions, when applied according to their manufacturer's instructions. Do not tank mix with products that have alkaline reaction. Tank mixtures that have not been evaluated for physical compatibility and crop safety must first be tested on a limited scale.

GENERAL

- Cymoxanil has a unique mode of action and is always used in mixture with companion fungicides which has different mode of action. It is a highly active, locally systemic fungicide with preventive and curative action against the pathogens listed.
- The best results with **CURZATE® 600 WG** + Dithane™ M45 800 WP NT (Reg. No. L7484, Act No. 36 of 1947) or Unizeb® 800 WP (Reg. No. L8056, Act No. 36 of 1947) or Ventum 800 WP (Reg. No. L8691, Act No. 36 of 1947) or Cozeb® 800 WP (Reg. No. L5698, Act No. 36 of 1947) will be obtained when applied preventively or at the early stages of infections, before symptoms are visible on the plants. Apply sufficient water per hectare to give a good spray coverage of the treated crops.
- **CURZATE® 600 WG** + Dithane™ M45 800 WP NT (Reg. No. L7484, Act No. 36 of 1947) or Unizeb® 800 WP (Reg. No. L8056, Act No. 36 of 1947) or Ventum 800 WP (Reg. No. L8691, Act No. 36 of 1947) or Cozeb® 800 WP (Reg. No. L5698, Act No. 36 of 1947) must not be applied to any crop suffering from stress as a result of drought, water logging, low temperature, insect attack, nutrient or lime deficiency or other factors reducing crop growth.
- Cymoxanil rapidly penetrates into plant tissue. **CURZATE® 600 WG** is rain fast within two hours after application. If rain occurs within two hours after treatment, the product performance may be affected and the application must be repeated.

MIXING, LOADING AND CLEANING OF SPRAY EQUIPMENT

- Before using **CURZATE® 600 WG**, make sure the spraying equipment is clean.
- Half fill the spray tank and start the agitator. Then add the required amount of **CURZATE® 600 WG** to the spray tank after creaming in a small quantity of water. Continue agitation while topping up the tank and while spraying.
- Immediately after application, completely drain the spray equipment.

- Thoroughly rinse the sprayer and flush the hoses, boom and nozzles with clean water. Loosen and physically remove visible deposits. Remove and clean nozzles, screens and filters separately. Flush the entire system with clean water again.
- Do not clean spray equipment near a well, fountain or other water sources.

CROP AND DISEASE	QUANTITY/100 ℓ WATER OR AS INDICATED	DETAILS OF SPRAY PROGRAMME
WINE GRAPES AND TABLE GRAPES Downy mildew <i>(Plasmopara viticola)</i>	20g/100L + *Registered Mancozeb 800 WP *See important Notes below for mixing instructions	Apply as a full cover spray and depending on vine size in 250-1500 ℓ spray mixture per hectare. Start spraying when first shoots have reached 10 cm length. Repeat application at 10-14 day intervals. Use a shorter spray interval (7-10 days) when conditions for disease development are very favourable. Do not apply more than 5 Curzate® 600 WG applications per season and do not apply within 28 days of harvest. Observe all precautions and warnings and other instructions on this label.

IMPORTANT NOTE: MIXING INSTRUCTIONS:

WATER VOLUME (L water/hectare)	CURZATE®600 WG	*REGISTERED MANCOZEB 800 WP (Dithane™M45 800 WP NT or Unizeb®800 WP or Ventum 800 WP or Cozeb® 800 WP)
250	50g	437.5g
500	100g	875g
1000	200g	1750g
1500	300g	2625g
Note: Do not use on table grapes after pea size stage.		

ACKNOWLEDGEMENT OF REGISTERED PRODUCTS:

- Dithane™ M45 800 WP NT (Reg No. L7484, Act No. 36 of 1947) is the registered product of Dow AgroSciences
- Unizeb® 800 WP (Reg No. L8056, Act No. 36 of 1947) is the registered product of Villa Crop Protection (Pty) Ltd.

- Cozeb® 800 WP (Reg No. L5698, Act No. 36 of 1947) is the registered product of Universal Crop Protection (Pty)Ltd.
- Ventum 800 WP (Reg No. L8691, Act No. 36 of 1947) is the registered product of Nulandis, A division of AECI Limited.



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Bevat simoksanil

WAARSKUWINGS:

LAAT DIE VOLGENDE ONTHOUDINGSPERIODE VERLOOP TUSSEN LAASTE TOEDIENING EN OES:

Tafeldruiwe - 28 dae (nie na ertjekorrelgrootte nie).

Wyndruiwe - 28 dae

- Hanteer versigtig.
- Kan oë, neus, keel en vel irriteer.
- Mag vel gevoelig maak.
- Nadelig wanneer ingeneem of ingeasem word.
- Hou buite bereik van kinders en oningeligte persone.
- Giftig vir visse.
- Bêre weg van voedsel en voer. Bêre in die oorspronklike houer, dig toegemaak, in 'n veilige en goed geventileerde plek.
- Moenie gebruik op gewasse wat in hidroponiese stelsels of in potte groei 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 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 as gevolg van die 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:

- Vermy oormatige inaseming van poeier of spuitnewel. Dra ook 'n gesigsmasker en –skerm of beskermende bril en rubber handskoene.
- Vermy kontak met vel, oë en klere.
- Was met seep en water na gebruik en toevallige velkontak.
- Moet nie eet, drink of rook tydens toediening, vermenging of voordat hande en gesig gewas is en klere verwissel is nie.
- As jy ongesteld voel, verkry onmiddellik mediese advies (toon die etiket indien moontlik).
- Verhoed wegdrywing van die spuitnewel na gewasse nie onder behandeling of na naasliggende waterbronne.

- Verhoed blootstelling van die produk aan vogtige lug en water. Moet nie laat nat word nie en gedurende opberging laat warm word nie, aangesien vlambare gasse kan vorm.
- Houers en verpakings moet heeltemal leeggemaak word voordat dit vernietig word.
- Skud die houer deeglik in die mengbak of spuitenk uit voordat leë houer vernietig word.
- Moet nooit die leë houer vir enige doel hergebruik nie.

NOODHULP MAATREËLS:

Beskrywing van Noodhulp Maatreëls:

Algemene advies:

- Moet nooit iets per mond aan 'n bewustelose persoon gee nie.
- Vir spesialis advies kontak die 24 uur noodnommer 083 123 3911.
- Verskaf die produkverpakking of etiket aan die gif beheersentrum of dokter.
- Sien etiket vir bykomende voorsorgmaatreëls en gebruik.

Inaseming:

- Verwyder na vars lug.
- Raadpleeg 'n dokter na beduidende blootstelling.
- Kunsmatige asemhaling en / of suurstof mag nodig wees.

Velkontak:

- Die materiaal is waarskynlik nie gevaarlik vir velkontak, maar die skoonmaak van die vel na gebruik is raadsaam.

Oogkontak:

- Indien maklik, verwyder kontaklens, indien gedra.
- Hou oog oop en spoel stadig en liggies met water vir 15-20 minute.
- Indien oog irritasie voortduur, raadpleeg 'n spesialis.

Inname deur mond:

- Indien ingesluk, skakel 'n gif beheer sentrum of dokter onmiddelik.
- Laat die persoon 'n glas water drink indien moontlik.
- Moet nie braking veroorsaak nie, tensy in opdrag van 'n dokter of gif beheer sentrum.
- Moet niks per mond aan 'n bewustelose persoon gee nie.

Belangrikste simptome en gevolge, beide akute en vertraag:

Simptome:

Oogkontak kan die volgende simptome tot gevolg hê: Konjunktivitis.

Velkontak kan die volgende simptome tot gevolg hê: Plaaslike irritasie

Inaseming kan die volgende simptome tot gevolg hê: Rinitis

Inname kan die volgende simptome tot gevolg hê: Gastroïntestinale verstourings, naarheid, diarree, braking.

Indikasie van enige onmiddellike mediese aandag en spesiale behandeling:

Behandeling: Behandel simptome

VOORKOMING VAN WEERSTANDBIEDENDHEID

CURZATE® 600 WG (simoksaniil) MOET IN TENK MENGSELS SAAM MET MANKOSEB BEVATTENDE SWAMDODERS (Groep M3) GEBRUIK WORD wat 'n verskillende metode van werking het. Simoksaniil is aktief teen rasse wat weerstandbiedendheid teen fenielamied swamdoders vertoon.

Wanneer swamdoders met dieselfde groepkode herhaaldelik vir 'n aantal agtereenvolgende jare in dieselfde land gebruik word mag minder vatbare rasse wat natuurlik voorkom oorleef, vermeerder en uiteindelik dominant raak. 'n Patogeen is weerstandbiedend teen 'n swamdoder wanneer dit 'n korrek-toegediende behandeling teen die korrekte dosis en tydsberekening onder normale weersomstandighede oorleef.

Ontwikkeling van weerstandbiedendheid in 'n patogeen kan voorkom of vertraag word deur produkte met verskillende groepkodes af te wissel of te meng.

GEBRUIKSAANWYSINGS:

GEBRUIK SLEGS SOOS AANGEDUI

VERENIGBAARHEID

CURZATE® 600 WG is mengbaar met Dithane™ M45 800 WP NT (Reg Nr. L7484, Wet Nr. 36 van 1947), Unizeb® 800 WP (Reg Nr. L8056, Wet Nr. 36 van 1947), Cozeb® 800 WP (Reg Nr. L5698, Wet Nr. 36 van 1947) en Ventum 800 WP (Reg Nr. L8691, Wet Nr. 36 van 1947) in Wingerd. **CURZATE® 600 WG** is normaalweg verenigbaar met meeste produkte met neutrale of suur werking, indien toegedien volgens die vervaardigers se aanbevelings. Moet nie in tenkmengsels saam met produkte met alkaliese werking gebruik nie. Tenkmengsels met onbekende fisiese verenigbaarheid en gewas veiligheid moet eers op 'n klein skaal beproef word.

ALGEMEEN

- Simoksaniel het 'n unieke metode van werking en word altyd in kombinasie met ander swamdoders met verskillende metodes van werking gebruik. Dit is 'n hoogs aktiewe, lokaalsistemiese swamdoder met voorkomende en kuratiewe werking teen patogene soos aangedui.
- Die beste resultate met **CURZATE® 600 WG + Dithane® M45 800 WP NT** of **Unizeb® 800 WP** of **Ventum 800 WP** of **Cozeb® 800 WP** sal verkry word indien dit voorkomend toegedien word voordat siektesimptome op die plant verskyn. Dien genoeg water per hektaar toe sodat deeglike benatting van die teikengewas plaasvind.
- **CURZATE® 600 WG + Dithane® M45 800 WP NT** of **Unizeb® 800 WP** of **Ventum 800 WP** of **Cozeb® 800 WP** moet nie toegedien word op gewasse wat onder stremming verkeer nie; stremming kan veroorsaak word deur droogte, versuip-toestande, lae temperature, insekskade, voedingselement- of kalktekorte of ander faktore wat gewasontwikkeling belemmer.
- Simoksaniel word vinnig deur plantweefsel opgeneem. **CURZATE® 600 WG** is bestand teen afwassing deur reën binne twee ure na toediening. Indien reën binne twee ure na toediening voorkom kan die werking van die produk beïnvloed word en moet die bespuiting herhaal word.

MENGINSTRUKSIES EN SKOONMAAK VAN SPUITAPPARAAT

- Maak seker dat die spuitapparaat heeltemaal skoon is alvorens **CURZATE® 600 WG** gebruik word.
- Maak die spuittenk halfvol met water en aktiveer die roerder. Voeg dan die verlangde hoeveelheid **CURZATE® 600 WG** daarby na aanvanklike verroming daarvan in 'n klein hoeveelheid water. Verseker voortdurende roering terwyl die tenk verder gevul word en tydens toediening.
- Dreineer die spuitapparaat volledig na afloop van toediening.
- Was die spuitapparaat en deurspoel die pype, balk en spuitkoppe met skoon water. Verwyder alle sigbare neerslag van die produk. Verwyder en maak die spuitkoppe, siwwe en filters afsonderlik skoon. Deurspoel die volledige stelsel daarna weer met skoon water.
- Moet nie spuitapparaat naby 'n boorgat, fontein of ander waterbronne skoonmaak nie.

GEWAS EN SIEKTE	HOEVEELHEID/100 l WATER OF SOOS AANGEDUI	BESONDERHEDE VAN SPUITPROGRAM
WYNDRUIWE EN TAFELDRUIWE Donsige skimmel (<i>Plasmopara viticola</i>)	20g/100L water + *Geregistreeerde Mankoseb 800 WP *Sien belangrike nota onder vir menginstruksies	Dien toe as 'n volle dekbespuiting en afhangende van die grootte van die wingerdgroei in 250 – 1500 liter spuitmengsel per hektaar. Begin spuit sodra die eerste lote 10cm lank is. Herhaal elke 10-14 dae. Gebruik 'n korter tydsinterval (7-10 dae) wanneer toestande baie gunstig is vir siekte ontwikkeling. Moet nie meer as 5 Curzate®600 WG toedienings per seisoen gebruik nie en moet nie binne 28 dae vanaf oes toedien nie. Gehoorsaam alle voorsorgmaatreëls, waarskuwings en ander instruksies op hierdie etiket.

BELANGRIKE NOTA: MENGINSTRUKSIES:

WATER VOLUME (L water/hektaar)	CURZATE® 600 WG	*GEREGISTREERDE MANKOZEB 800 WP (Dithane®M45 800 WP NT of Unizeb®800 WP of Ventum 800 WP of Cozeb® 800 WP)
250	50g	437.5g
500	100g	875g
1000	200g	1750g
1500	300g	2625g
Nota: Moet nie na ertjekorrelgrootte op tafeldruiwe gebruik nie.		

ERKENNING VAN GEREGETREERDE PRODUKTE:

- Dithane™ M45 800 WP NT (Reg Nr. L7484, Wet Nr. 36 van 1947) is die geregistreeerde produk van Dow AgroSciences.
- Unizeb® 800 WP (Reg Nr. L8056, Wet Nr. 36 van 1947) is die geregistreeerde produk van Villa Crop Protection (Pty) Ltd.
- Cozeb® 800 WP (Reg Nr. L5698, Wet Nr. 36 van 1947) is die geregistreeerde produk van Universal Crop Protection (Pty) Ltd.
- Ventum 800 WP (Reg Nr. L8691, Wet Nr. 36 van 1947) is die geregistreeerde produk van Nulandis, A division of AECI Limited.