

TALENDO®

FUNGICIDE

Registration number/Registrasie Nommer L8116 Act/Wet Nr. / No. 36 of / van 1947

READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

GROUP	13	FUNGICIDE
An emulsifiable concentrate systemic preventive and residual fungicide for the control of powdery mildew (<i>Uncinula necator</i> = <i>Oidium tuckeri</i>) in grapes and powdery mildew (<i>Erysiphe cichoracearum</i> and <i>Sphaerotheca fuliginea</i>) in Baby marrow, Courgette & Zucchini.		'n Emulgeerbare konsentraat sistemiese voorkomende en nawerkende swamdoder vir die beheer van poeieragtige meeldou (<i>Uncinula necator</i> = <i>Oidium tuckeri</i>) in wingerd en poeieragtige meeldou (<i>Erysiphe cichoracearum</i> en <i>Sphaerotheca fuliginea</i>) in murgpampoentjies (Baby marrow, Courgette & Zucchini).



HAZARD STATEMENTS:

Causes skin irritation.
Causes serious eye damage.
Suspected of causing cancer.
Very toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS:

Wash thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Dispose of contents/container in accordance with applicable regulations.



DANGER

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Proquinazid (Quinazolinone) 200 g/l Proquinazid (Quinazolinone)

Nett volume 250 ml & 1 L Netto volume

REGISTRATION HOLDER / REGISTRASIEHOUER

Corteva Agriscience RSA (PTY) LTD
REG NO. 1991/003030/07
Block A, 2nd Floor, Lakefield Office Park,
272 West Avenue, Centurion SOUTH AFRICA
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Batch Number Lotnommer
Date of Manufacture Vervaardigingsdatum
Expiry date Vervaldatum

UN NUMBER: 3077

Poisons Helpline: +27(0)861-555-777
Local Emergency No: +27(0)82-895-0621 (SA only)
24 Hour Emergency Tel No: +32-3-575-5555
Information Hotline Tel No: +27(0)12 683-5700

WARNINGS:

HAZARD STATEMENTS:

Causes skin irritation.
Causes serious eye damage.
Suspected of causing cancer.
Very toxic to aquatic life with long lasting effects.

WITHHOLDING PERIOD: minimum number of days between last application and harvest:

Baby marrows, courgettes & zucchini	3 days*
Wine Grapes	28 days
Table Grapes	28 days

Severe eye irritant. Can damage eyes.

Can irritate nose, throat, and skin.

Harmful if swallowed, inhaled, or absorbed through skin.

Keep out of reach of children, animals, and uninformed persons.

Store away from food and feed.

Very toxic to fish and aquatic organisms.

RE-ENTRY: Do not enter treated area until spray deposit has dried, unless wearing protective clothing.

DISCLAIMER

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, 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 immediately in the event of any uncertainty.

PRECAUTIONS

PRECAUTIONARY STATEMENTS:

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Dispose of contents/container in accordance with applicable regulations.

Avoid contact with eyes.

Avoid contact with skin or clothing.

In case of eye contact with concentrate wash immediately with plenty of water and seek medical advice.

In case of skin contact, wash with plenty of soap and water.

Do not eat, smoke, or drink whilst mixing or applying the product or before washing hands and face.

Do not inhale the spray mist.

For worker protection during mixing and loading and application, wear protective clothing, goggles or a face shield and rubber gloves.

Always wash with soap and water after use and accidental skin contact.

Wash contaminated clothes after use.

Prevent contamination of food, feeds, drinking water and eating utensils.

Wash sprayer out with clean water after use and before other chemicals are used. Do not contaminate water sources, pasture, and crops by cleaning of equipment or disposal of wash water and wastes.

Avoid spray drift onto water sources, pastures, and crops not to be treated.

Do not apply within 14 meters of water sources.

Triple rinse the empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container at least three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsate to the contents of the spray tank.

Destroy empty container by perforation and flattening and never re-use for any other purpose.

RELEVANT SUBSTANCES:

COMPONENT	CAS No.	Concentration
Proquinazid	189278-12-4	20,52%
Benzenesulfonic acid, C10-13-alkyl derivs., calcium salt	Not available	>= 3,0 - < 10,0 %
Calcium dodecylbenzene sulfonate	26264-06-2	>= 1,0 - < 3,0 %
Ethylhexanol	104-76-7	>= 1,0 - < 3,0 %

FIRST AID TREATMENT:

Inhalation

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

Skin contact

Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician. Wash contaminated clothing before re-use.

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, seek medical advice immediately and show this container or label. Do not induce vomiting without medical advice. If victim is conscious: Rinse mouth with water. Drink 1 or 2 glasses of water.

RESISTANCE WARNING

TALENDO® is a group code U7 fungicide. Cross resistance has also been demonstrated between **TALENDO®** and group code 13 fungicides in some fungus species [e.g. *Erysiphe (Uncinula) necator*]. Any fungus population may contain individuals naturally resistant to **TALENDO®** and other group code U7 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **TALENDO®** or any other group code U7 or group code 13 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with products from different fungicide group codes. Do not alternate **TALENDO®** in spray programmes with fungicides belonging to group code 13.
- For tank mixing or alternation with products in fungicide group code M, refer to applicable individual product labels.
- Integrate the control methods (chemical, cultural, biological) into disease control programmes.

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

DIRECTIONS FOR USE:

USE ONLY AS DIRECTED

MODE OF ACTION:

TALENDO® 200 g/l EC contains proquinazid, a new quinazolinone fungicide with a novel mode of action. Proquinazid acts **preventively** on grape and cucurbit powdery mildew by inhibiting spore germination and has no corrective action on established infections.

RESISTANCE MANAGEMENT:

It is recommended that **TALENDO®** be used in a programme with other fungicides against powdery mildew. **The number of TALENDO® applications must be limited to a maximum of three applications per season, of which no more than two applications of TALENDO® should be applied consecutively in cucurbits and grapes.**

COMPATIBILITY:

TALENDO® is compatible with Curzate® Pro (Reg. No. L5698 Act No. 36 of 1947), Olymp® 100 EW (Reg. No. L6063 Act No. 36 of 1947) and Dithane® M45 (Reg. No. L2914 Act No. 36 of 1947) in tank mixtures.

MIXING INSTRUCTIONS:

GRAPES AND CUCURBITS:

1. Fill the spray tank 1/4 to 1/2 full of water.
2. Add the required amount of **TALENDO®** directly into the spray tank and fill with water to the required volume whilst stirring constantly.

APPLICATION RATES:

CROP / DISEASE	DOSAGE/100 L WATER	REMARKS
Baby marrows, Courgette & Zucchini Powdery mildew (<i>Erysiphe cichoracearum</i> and <i>Sphaerotheca fuliginea</i>)	40 ml	<p>Apply TALENDO[®] preventively in a spray programme with intervals of 10-14 days as soon as disease symptoms appear.</p> <p>Apply 500-750 l spray mixture per ha depending on crop size and density. Ensure even and thorough coverage of plants.</p> <p>A minimum of two to a maximum of two consecutive applications of TALENDO[®] is recommended.</p> <p>NOTES:</p> <ol style="list-style-type: none">1. Use TALENDO[®] only on Baby marrows, courgettes & zucchini's destined for local consumption thus not on cucurbit crops destined for export.2. Refer also to the RESISTANCE WARNING section on this label.

CROP / DISEASE	DOSAGE/100 L WATER	REMARKS
<p>TABLE GRAPES: Powdery mildew (<i>Uncinula necator</i> = <i>Oidium tuckeri</i>)</p>	<p>25 ml</p>	<p>Apply TALENDO® in a 14-day preventive spray program from 5-10 cm shoot length to 28 days pre-harvest (NB: for export grapes refer to NOTE 1 below).</p> <p>Recommended spray mixture volumes per ha:</p> <ol style="list-style-type: none"> 1. 5-10 cm shoot lengths up to flowering: 500-750 L. 2. From flowering to pea-size: 1000-1200 L 3. From pea-size to 28 days prior to harvesting: 1200- 1500 L. <p>Ensure thorough coverage of the bunches.</p> <p>Do not exceed a maximum of three applications of TALENDO® per season and do not apply more than two TALENDO® applications consecutively.</p> <p>Allow 28 days between last application and harvest.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. The withholding period i.e., number of days between last application and harvest, meets local residue limits (MRL's), but may not necessarily meet all MRL's required for export. <p>Also refer to the RESISTANCE WARNING section on this label.</p>

CROP / DISEASE	DOSAGE/100 L WATER	REMARKS
<p>TABLE GRAPES (cont): Powdery mildew (<i>Uncinula necator</i> = <i>Oidium tuckeri</i>)</p>	<p>20 ml TALENDO® plus 35 ml OLYMP® tank mixture</p>	<p>Apply the TALENDO® plus OLYMP® tank mixture a 14-day preventive spray program from 5-10 cm shoot length to 28 days pre-harvest (NB: for export grapes refer to NOTE 1 below).</p> <p>Recommended spray mixture volumes per ha:</p> <ol style="list-style-type: none"> 1. 5-10 cm shoot lengths up to flowering: 500-750 L. 2. From flowering to pea-size: 1000-1200 L 3. From pea-size to 28 days prior to harvesting: 1200-1500 L. <p>Ensure thorough coverage of the bunches.</p> <p>Do not exceed a maximum of two applications of containing TALENDO® per season and do not apply more than two TALENDO® containing applications consecutively.</p> <p>Allow 28 days between last application and harvest.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1. The withholding period i.e., number of days between last application and harvest, meets local residue limits (MRL's), but may not necessarily meet all MRL's required for export. <p>Also refer to the RESISTANCE WARNING section on this label.</p>

WAARSKUWINGS

RISIKOVERKLARINGS:

Veroorsaak velirritasie.
Veroorsaak ernstige oogskade.
Mag vermoedelik kanker veroorsaak.
Baie giftig vir waterlewe met langdurige effekte.

ONTHOUDINGSPERIODE: Minimum aantal dae tussen laaste toediening en oes:

Murgpampoentjies (Baby marrows/Courgettes/Zucchini	3 dae*
Wyndruiwe	28 dae
Tafeldruiwe	28 dae

'n Erge oogirritant.
Kan neus, keel en vel irriteer.
Skadelik indien ingesluk, ingeasem of deur vel geabsorbeer word.
Hou buite bereik van kinders, diere en oningeligte persone.
Bêre apart van voedsel en voer.
Uiters giftig vir vis en waterlewende organismes.

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

VRYWARING

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 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, en omgewing of vir nadelige effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel 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

VOORKOMENDE VERKLARINGS:

Was deeglik na hantering.
Dra beskermende -handskoene, -klere, oog en gesigskerm.
INDIEN OP DIE VEL: Was met baie water.
INDIEN IN OË: Spoel versigtig uit met water vir 'n paar minute. Indien kontakklense gedra word verwyder as moontlik. Gaan voort met spoel.
Raak ontslae van inhoud/houer in ooreenstemming met toepaslike regulasies.

Vermyn oogkontak.
Vermyn kontak met vel en klere.
Ingeval konsentraat in oë kom, was onmiddellik met volop water en kry mediese advies.
In die geval van aanraking met vel, was met oormaat seep en water.

Moet nie eet, rook of drink terwyl die produk gemeng of toegedien word nie of voordat die gesig en hande nie gewas is nie.

Moet nie die spuitnewel inasem nie.

Vir die beskerming van werkers tydens vermenging, hantering en toediening, dra beskermende klerasie, 'n beskermende bril of gesigskerm en rubberhandskoene.

Was altyd met seep en water na gebruik en na toevallige velkontak.

Was besmette klere na gebruik.

Verhoed besoedeling van voedsel, voer, eetgerei en drinkwater.

Was toedieningsapparaat uit met skoon water na gebruik en voordat dit vir ander middels gebruik word. Verhoed besoedeling van waterbronne, weiding en ander gewasse tydens skoonmaak van apparaat of met waswater.

Voorkom spuitnewelwegdrywing na waterbronne, weiding en gewasse wat nie behandel word nie.

Moet nie toedien binne 14 meter van waterbronne nie.

Spoel die leë houer driekeer as volg uit: Keer die leë houer om oor spuit- of mengtenk en dreineer vir 30 sekondes na die vloei tot 'n gedrup verminder het. Spoel daarna die leë houer minstens drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die inhoud van die houer en voeg by die inhoud van die spuittenk.

Vernietig die leë houer deur gate in te kap en plat te druk en moet dit vir geen ander doel gebruik nie.

RELEVANTE STOWWE:

KOMPONENT	CAS No.	Konsentraat
Proquinazid	189278-12-4	20,52%
Benseensulfonsuur, C10-13-alkiolderivate, kalsiumsout	Nie beskikbaar	$\geq 3,0 - < 10,0$ %
Kalsiumdodesielbenseensulfonaat	26264-06-2	$\geq 1,0 - < 3,0$ %
Etielheksanol	104-76-7	$\geq 1,0 - < 3,0$ %

NOODHULPBEHANDELING:

Inaseming

Beweeg na vars lug. Raadpleeg 'n geneesheer na aansienlike blootstelling. Kunsmatige asemhaling en/of suurstof mag nodig wees.

Velkontak

Trek onmiddellik besmette klere en skoene uit. Was dadelik af met seep en baie water. In die geval van velirritasie of allergiese reaksies, raadpleeg 'n dokter. Was gekontamineerde klere voor hergebruik.

Oogkontak

As dit maklik is om te doen, verwyder kontaklens, indien gedra word. Hou oog oop en spoel stadig en saggies uit met water vir 15-20 minute. Indien oogirritasie voortduur, raadpleeg 'n spesialis.

Inname

Indien ingesluk, soek onmiddellik mediese advies en wys hierdie houer of etiket. Moenie braking induseer sonder mediese advies nie. Indien slagoffer by sy bewussyn is: Spoel mond uit met water. Drink 1 of 2 glase water.

WEERSTANDSWAARSKUWING

TALENDO® is 'n groepkode U7 swamdoder. Kruisweerstand tussen **TALENDO®** en groepkode 13 swamdoders in sommige swamspesies [bv. *Erysiphe (Uncinula) necator*] is bewys. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **TALENDO®**, of enige ander groepkode U7 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **TALENDO®** of enige ander groepkode U7 of groepkode 13 swamdoders beheer word nie.

Om weerstand teen swamdoders te vertraag:

- Vermoed die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende swamdoder groepkodes. Moet nie **TALENDO®** in spuitprogramme met groepkode 13 swamdoders, afwissel nie.
- Raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkmengsels gemaak word, met produkte in swamdodergroepkode M.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.

Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

GEBRUIKSAANWYSINGS

GEBRUIK SLEGS SOOS AANGEDUI WERKSWYSE

TALENDO® 200g/l EC bevat proquinazid, 'n nuwe quinazolinone swamdoder met 'n unieke werkswyse. Proquinazid werk voorkomend teen poeieragtige meeldou (skimmel) in druive en pampoengewasse deur spoorontkieming te inhibeer en het geen uitwissende werking op gevestigde besmettings nie.

WEERSTANDBESTUUR:

Daar word aanbeveel dat **TALENDO®** in a program met ander swamdoders teen poeieragtige meeldou (skimmel) gebruik word. **Die aantal TALENDO® toedienings moet beperk word tot 'n maksimum van drie toedienings per seisoen, waarvan nie meer as twee toedienings opeenvolgend met TALENDO® in druive en pampoengewasse gemaak moet word nie.**

VERENIGBAARHEID:

TALENDO® is verenigbaar met Curzate® Pro (Reg. Nr. L5698 Wet Nr. 36 van 1947), Olymp® 100 EW (Reg. Nr. L6063 Wet Nr. 36 van 1947) en Dithane® M45 (Reg. Nr. L2914 Wet Nr. 36 van 1947) in tenkmengsels.

MENGINSTRUKSIES:

WINGERD EN PAMPOENGWASSE:

1. Maak spuittenk 1/4 - 1/2 vol met water.
2. Voeg die benodigde hoeveelheid **TALENDO®** direk in die spuittenk terwyl aanhoudend geroer word en die spuittenk tot die verlangde volume gevul word met water.

TOEDIENINGSHOEVEELHEDE:

GEWAS / SIEKTE	DOSIS / 100 L WATER	OPMERKINGS
Baby marrow, Courgette & Zucchini Poeieragtige meeldou (<i>Erysiphe cichoracearum</i> en <i>Sphaerotheca fuliginea</i>)	40 ml	<p>Dien TALENDO® voorkomend in 'n spuitprogram elke 10-14 dae toe sodra siektesimptome verskyn.</p> <p>Dien 500-750 l spuitmengsel per ha toe afhangende van gewasgrootte en -digtheid. Verseker egalige en deeglike bedekking van plante.</p> <p>Moet nie 'n maksimum van drie TALENDO® bespuitings per seisoen oorskry nie en moet nie meer as twee TALENDO® bespuitings opeenvolgend toedien nie.</p> <p>Laat 3 dae toe tussen laaste toediening en oes (Sien NOTAS hieronder).</p> <p>NOTAS:</p> <ol style="list-style-type: none">1. Gebruik TALENDO® slegs op pampoengewasse wat vir lokale gebruik en nie vir uitvoer bestem is nie.2. Gebruik TALENDO® slegs op pampoengewasse wat op oop landerye (nie in glashuise of plastiek tonnells nie) verbou word. <p>Lees ook die WEERSTANDWAARSKUWING op hierdie etiket.</p>

GEWAS / SIEKTE	DOSIS / 100 L WATER	OPMERKINGS
TAFELDRUIWE Poeieragtige meeldou (<i>Uncinula necator</i> = <i>Oidium tuckeri</i>)	25 ml	<p>Dien TALENDO® in 'n 14 dae voorkomende spuitprogram vanaf 5-10 cm lootlengte tot 28 dae voor oes toe (NB: vir uitvoerdruwe sien NOTA 1 hieronder)</p> <p>Aanbevole spuitvolumes per ha:</p> <ol style="list-style-type: none"> 1. 5-10 cm lootlengte tot blom: 500-750 L 2. Vanaf blom tot ertjekorrel grootte: 1000-1200 L 3. Vanaf ertjekorrel grootte tot 28 dae voor oes: 1200-1500 L. <p>Verseker deeglike bedekking van trosse.</p> <p>Moet nie 'n maksimum van drie TALENDO® bespuitings per seisoen oorskry nie en moet nie meer as twee TALENDO® bespuitings opeenvolgend toedien nie.</p> <p>Laat 28 dae toe tussen laaste toediening en oes.</p> <p>NOTAS:</p> <ol style="list-style-type: none"> 1. Die voorgestelde onthoudingsperiode / aantal dae tussen laaste toediening en oes, voldoen aan lokale maksimum residu limiet vereistes (MRL's), maar mag nie aan alle oorsese MRL's voldoen nie. 2. Lees ook die WEERSTANDWAARSKUWING op hierdie etiket.

GEWAS / SIEKTE	DOSIS / 100 L WATER	OPMERKINGS
<p>TAFELDRUIWE (vervolg) Poeieragtige meeldou (<i>Uncinula necator</i> = <i>Oidium tuckeri</i>)</p>	<p>20 ml TALENDO® plus 35 ml OLYMP® tenkmengsel</p>	<p>Dien die TALENDO® plus OLYMP® tenkmengsel in 'n 14 dae voorkomende spuitprogram vanaf 5-10 cm lootlengte tot 28 dae voor oes toe (NB: vir uitvoerdruive sien NOTA 1 hieronder)</p> <p>Aanbevole spuitvolumes per ha:</p> <ol style="list-style-type: none"> 1. 5-10 cm lootlengte tot blom: 500-750 L 2. Vanaf blom tot ertjekorrel grootte: 1000-1200 L 3. Vanaf ertjekorrel grootte tot 28 dae voor oes: 1200-1500 L. <p>Verseker deeglike bedekking van trosse.</p> <p>Moet nie 'n maksimum van drie TALENDO® bevattende bespuitings per seisoen oorskry nie en moet nie meer as twee TALENDO® bevattende bespuitings opeenvolgend toedien nie.</p> <p>Laat 28 dae toe tussen laaste toediening en oes.</p> <p>NOTAS:</p> <ol style="list-style-type: none"> 1. Die voorgestelde onthoudingsperiode / aantal dae tussen laaste toediening en oes, voldoen aan lokale maksimum residu limiet vereistes (MRL's) maar mag nie aan alle oorsese MRL's voldoen nie. <p>Lees ook die WEERSTANDWAARSKUWING op hierdie etiket.</p>

