

VISTA FLO

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY

GEBRUIKSAANWIJZINGS INGESLUIT
Lotnommer
Datum van vervaardiging

VERWYS NA BESONDERHEDE
SOOS OP HOUER / SAK GEDRUK

VISTA FLO

FUNGICIDE



Reg. No. L8208, Act/Wet No. 36 of/van 1947 1:06/07/2009

A suspension concentrate, translaminar fungicide for the control of diseases on crops as listed.

'n Suspensiekonsentraat, translaminêre swamdoder vir die beheer van siektes op gewasse soos aangedui.

FRAC FUNGICIDE GROUP CODE	11	FRAC SWAMDODER GROEPPKODE
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ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

Kresoxim-methyl (strobilurin) 500 g/l Kresoksiem-metiel (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

5l



UN Number: 3082



CAUTION / VERSIGTIG



WARNINGS

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

Apples and pears.....	45 days
Grapes.....	14 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 fish, and other organic organisms.
- Store under lock and key in a cool 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.
- **Vista Flo** has been tested on 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 **Vista Flo** 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 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 fumes or spray mist.
- Avoid skin and eye contact by wearing protective clothing when mixing 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.
- 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.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container by perforation and flattening.
- Do not use the empty container for any other purpose.

RESISTANCE WARNING

For resistance management, **Vista Flo** is a group code 11 fungicide. Any fungus population may contain individuals naturally resistant to **Vista Flo** and other group code 11 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Vista Flo** or any other group code 11 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.

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 **Vista Flo** 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. For specific information on resistance management, contact the registration holder of this product.

Vista Flo should always be applied as a preventive treatment. Not less than two, or more than three, consecutive applications must be done in a block application in any crop per season. The first and the last treatments in a spray programme must never be done with **Vista Flo**.

USE RESTRICTIONS

- The uptake and activity of translaminar compounds can be reduced when crops are under severe drought and/or nutrient stress conditions. Therefore, do not apply **Vista Flo** under such conditions.
- Spray programmes with **Vista Flo** should commence before disease/s become established.
- Do not apply **Vista Flo** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **Vista Flo** using an accurate and safe application technique.
- If **Vista Flo** 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, then add the required amount of **Vista Flo** to the water in the tank while agitating. Fill the spray tank to the desired volume. 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 **Vista Flo** 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. **Vista Flo** is compatible with Copstar 120 SC, light narrow range mineral oils as well as many other 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. **Vista Flo** can be applied with conventional tractor boom sprayers in 300 –

500 l water/ha as well as high volume mistblowers. **Constant agitation throughout the spray operation is essential.** Only clean water should be used.

RECOMMENDATIONS

CROP/DISEASE	APPLICATION RATE/ha	REMARKS
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<p style="text-align: center;">Mangoes</p> <p>Powdery mildew (<i>Oidium mangiferae</i>)</p>	<p>20 ml / 100 l water</p>	<p>Start application at first signs of infection and repeat at 14 day intervals up to 100% petal drop. The first application will usually be at approximately 50% flowering and will usually be followed by another 2 – 3 sprays depending on weather conditions and uniformity of flowering. The last spray in the programme should not be a Group code 11 fungicide. Apply as a full cover spray and ensure adequate coverage of all flower panicles.</p>
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- **Vista Flo** must always be applied on a preventive basis and applications should start as early in the season as possible.
- Do not apply more than 3 consecutive sprays of **Vista Flo** or any other strobilurin type fungicide per 'block'.
- Separate the first and second **Vista Flo** sprays by spraying at least twice with registered fungicides with modes of action different to that of the strobilurin type fungicides.
- Do not apply more than 6 applications of **Vista Flo** or any other strobilurin type fungicide per season.
- Apply **Vista Flo** as a medium to high volume application in 750 – 1 500 l spray mixture / ha.
- Ensure adequate coverage of the crop.

WAARSKUWINGS

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

Appels en pere.....	45 dae
Druive.....	14 dae

BELANGRIK: Die aanbevole onthoudingsperiode tussen laaste toediening en oes voldoen aan die vereistes vir plaaslike residuvlakke maar mag dalk nie aan die vereistes vir uitvoer voldoen nie.

- Hanteer versigtig.
- Giftig vir visse.
- Berg agter slot-en-grendel in 'n koel plek.
- Bêre 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 beskermende oorklere gedra word.
- **Vista Flo** 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 **Vista Flo** 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 verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die siekte teen die betrokke middel, sowel as die metode, tyd en akkuraatheid van die toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei, die omgewing of vir nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel 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

- Moet nie damp of spuitnewel inasem nie.
- Vermoed kontak met die vel en oë deur beskermende oorklere te dra tydens vermenging en gedurende toediening.
- Was met seep en koue water onmiddellik na gebruik en toevallige velkontak; so ook besoedelde klere.
- Was besoedelde klere onmiddellik na gebruik.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Vermoed 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.
- Spoel leë houers **drie keer** uit met 'n volume water gelykstaande aan 'n minimum van 10% van die volume van die houers. Gooi die spoelwater by die inhoud van die spuittenk voordat die houers op die voorgeskrewe wyse vernietig word.
- Vernietig die leë houers, moet dit vir geen ander doel gebruik nie.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **Vista Flo** 'n groepkode 11 swamdoder. Enige swampopulasie van 'n spesifieke siekte mag individueel insluit wat 'n natuurlike weerstand teen **Vista Flo**, of enige ander groepkode 11 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die siekte-populasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **Vista Flo** of enige ander groepkode 11 swamdoder beheer word nie.

Om weerstand teen swamdoders te verjaag:

- 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 verjaag.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in siektebeheerprogramme.

Aangesien die voorkoms van weerstand nie voorspel kan word nie, word gebruikers aangeraai om behandelde gewasse noukeurig dop te hou. Indien die behandeling met **Vista Flo** soos aanbeveel nie doeltreffend was nie, mag 'n weerstandbiedende populasie teenwoordig wees. Indien 'n weerstandbiedende populasie positief geïdentifiseer word, moet daar onmiddellik oorweging geskenk word aan die gebruik van 'n swamdoder met 'n ander metode van werking, waarvan daar geen rekord van weerstand teen die betrokke siekte is. Vir spesifieke inligting oor weerstandsbestuur kontak die registrasiehouer van hierdie produk.

Vista Flo moet altyd as 'n voorkomende behandeling toegedien word. Moet nie minder as twee of meer as drie agtereenvolgende toedienings in 'n blokbepuiting in enige gewas per seisoen toedien nie. Die eerste en die laaste toedienings in 'n spuitprogram moet nooit met **Vista Flo** gemaak word nie.

GEBRUIKSBEPERKINGS

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

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

MENGINSTRUKSIES

Maak die spuittenk halfvol met geskikte water en voeg die benodigde hoeveelheid **Vista Flo** by terwyl water aanhoudend geroer word. Maak die spuittenk tot die verlangde volume vol. Moet nie brakwater gebruik nie. As tenkmengsels gemaak word met ander middels, moet die spesifieke vervaardiger se etiket gevolg word. **Die tenkmengsel moet onmiddellik uitgespuit word en nie toegelaat word om in die spuittenk te staan nie.** Die spuittoerusting moet aan die einde van toediening deeglik uitgewas word.

VERENIGBAARHEID

Die verenigbaarheid van **Vista Flo** met ander produkte hang van die formulering van die betrokke produkte af, asook van die kwaliteit van die spuitwater. Deurdat formulering van tyd tot tyd kan verander word dit aanbeveel om 'n fisiese verenigbaarheidstoets uit te voer voordat 'n tenkmengsel gemaak word. **Vista Flo** is verenigbaar met mankoseb, Copstar 120 SC, ligte smalbestek minerale olies sowel as baie van die landboumiddels in algemene gebruik op wingerde.

TOEDIENINGSMETODES

Maak seker dat die spuittoerusting reg gekalibreer is en gereeld gedurende die toediening nagegaan word om egalige en akkurate toedienings te verseker. **Vista Flo** kan toegedien word met gewone trekkerbalkspuite in 300 – 500 l water/ha sowel as hoë-volume newelblasers. **Die mengsel moet aanhoudend en deeglik geroer word tydens toediening.** Slegs skoon water moet gebruik word.

- Die aanbevole spuitintervalle moet nie oorskry word nie en sluit ander middels in wat donsige skimmel doeltreffend sal beheer.
- Spuit beide kante van elke ry.
- Somerloofbeheer word aanbeveel om penetrasie van spuitstowwe te vergemaklik en bedekking te verbeter.

<p>Mango's</p> <p>Poeieragtige meeldou (<i>Oidium mangiferae</i>)</p>	<p>20 ml / 100 l water</p>	<p>Dien toe sodra die eerste siekte-simptome verskyn en herhaal elke 14 dae tot 100% blomblaarval. Die eerste toediening sal gewoonlik teen omtrent 50% blom wees gevolg deur nog 2 – 3 bespuitings afhange van weerstoestand en egaligheid van die blomperiode. Die laaste toediening in die spuitprogram moet nie 'n Groep 11 produk wees nie. Dien toe as 'n hoë-volume bespuiting en verseker deeglike bedekking van blomtrosse.</p>
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- **Vista Flo** moet altyd voorkomend gebruik word en bespuitings moet so vroeg as moontlik in die seisoen begin word.
- Moet nie meer as 3 opeenvolgende bespuitings met **Vista Flo**, of enige ander strobilurientipe-swamdoder, per 'blok' toedien nie.
- Skei die eerste en tweede **Vista Flo** blokke deur ten minste twee bespuitings toe te dien met geregistreerde swamdoders wat 'n ander werkingsmeganisme as strobilurientipe-swamdoders het.
- Moenie meer as 6 bespuitings met **Vista Flo** of enige ander strobilurientipe-swamdoder per seisoen toedien nie.
- Verseker deeglike bedekking van die gewas.