

Sien ingeslote vouiljet voor gebruik / See enclosed leaflet before use

# Teacher<sup>230</sup> SC

Wet/Act 36 van/of 1947  
SA Reg No: L9919/NAM Reg No: N-AR 1719

'N KONTAK SUSPENSIEKONSENTRAAT SWAMDODER VIR DIE BEHEER  
VAN NA-OES SIEKTES OP VERSKEIE GEWASSE SOOS AANGEDUI

A CONTACT SUSPENSION CONCENTRATE FUNGICIDE FOR THE CONTROL  
OF POST-HARVEST DISEASES IN VARIOUS CROPS AS LISTED

FRAC SWAMDODER GROEPKODE

12

FRAC FUNGICIDE GROUP CODE

AKTIEWE BESTANDDEEL:  
Fludioxonil (fenielpiroom)

230 g/l

ACTIVE INGREDIENT:  
Fludioxonil (phenylpyrrole)

Registrasiehouer / Registration Holder:



Batch No: SEE  
Date of CONTAINER  
Manufacture: FOR DETAILS

Net Volume:

1l

UN No: 3082

ICA International Chemicals (Pty) Ltd  
Reg. No. 2001/013319/07  
PO Box 2312 • STELLENBOSCH • 7601 • SOUTH AFRICA  
Tel. +27-21-886 9812 • www.icaonline.co.za  
Poisons Helpline +27 (0)861 555 777  
Griffons Poison Information Centre +27 (0)822 446 8946

Group III



# TEACHER 230 SC

Act No. 36 of 1947  
SA Reg. No: L9919 / NAM Reg. No: N-AR 1719

A contact suspension concentrate fungicide for the control of post-harvest diseases in various crops as listed

## ACTIVE INGREDIENT:

Fludioxonil (Phenylpyrrole).....230 g/ℓ

## REGISTERED BY:

ICA International Chemicals (Pty) Ltd

Reg. No: 2001/013319/07

PO Box 2312 ♦ STELLENBOSCH ♦ 7601 ♦ South Africa

## CAUTION

### WARNINGS

**Withholding periods** (Minimum number of days between last application and consumption):

- ▶ *Cherries*..... 1 day
- ▶ *Citrus* ..... 1 day
- ▶ *Cucurbits* .....1 day
- ▶ *Kiwi*..... 1 day
- ▶ *Litchis*..... 1 day
- ▶ *Mangoes*..... 1 day
- ▶ *Papayas*..... 1 day
- ▶ *Pomegranates* ..... 1 day
- ▶ *Pome fruits (Apples & Pears)*..... 1 day
- ▶ *Stone fruits (Apricots, Nectarines, Peaches, Plums)*..... 1 day
- ▶ *Sweet potatoes*..... 1 day

Compliance with these withholding periods and below application instructions will ensure that residues do not exceed local maximum residue limits (MRL), but may not meet the import requirements of other countries. If the crop to be treated is intended for export, consult the relevant importer or exporting body regarding the use of this product, MRL and recommended withholding periods. Although **Teacher 230 SC** is regarded as crop-safe on most of the important cultivars, this does not mean that a more sensitive cultivar might be available in future. **Teacher 230 SC** must be tested on fruit of new cultivars prior to general usage.

- ▶ Keep out of reach of children, uninformed persons and animals.
- ▶ Keep away from food, drink and animal feed.
- ▶ May be harmful if swallowed, do not drink.
- ▶ Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- ▶ Store in cool, dry and well-ventilated area away from direct sunlight.

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, and the environment or harm to man/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

- ▶ Do not eat, drink or smoke whilst mixing or applying. Wash hands, face and clothing after use with soap and water.
- ▶ Avoid contact with skin, eyes and clothes.
- ▶ Do not breathe the spray.
- ▶ Prevent contamination of food, eating utensils, feed and drinking water.
- ▶ Avoid release to the environment.
- ▶ This material and/or its container must be disposed of as hazardous waste.
- ▶ Clean all equipment thoroughly after use and dispose of waste water without polluting the environment.
- ▶ Invert empty container over mix or spray tank and allow draining for at least 30 seconds until flow has slowed to a drip. Triple rinse the empty container with clean water equal to a minimum of 30 % of the volume of the container. Add rinsing to the contents of the spray tank. Offer container for recycling or puncture and dispose of at authorised landfill. Do not use container for any other purpose.

## RESISTANCE WARNING

For resistance management, **Teacher 230 SC** consist of group code (12) fungicide. Any fungus population may contain individuals naturally resistant to **Teacher 230 SC** and other group code (12) fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **Teacher 230 SC** or any other group code (12) 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 mixing or alternation with products in other fungicide group codes, refer to applicable individual product labels,
- ▶ integrate other control methods (chemical, cultural, biological) into disease control programmes.

**Teacher 230 SC** should always be applied as a preventative treatment. Alternate applications of **Teacher 230 SC** with other registered fungicides from a different chemical class than phenylpyrrole in the same programme with **Teacher 230 SC**. Never use a related product in a program with **Teacher 230 SC**.

## DIRECTIONS FOR USE

(Use only as directed)

### COMPATIBILITY:

- Although **Teacher 230 SC** is compatible with most agrochemicals, a physical compatibility test is always recommended prior to application.

### MIXING INSTRUCTIONS:

**Application in water:** Half fill the mixing tank with clean water. Shake the **Teacher 230 SC** container thoroughly immediately before use and pre-mix the required volume in at least 10 ℓ water. Pre-mix any other product(s) to be tank mixed in the same way *separately*. While agitating the spray tank water, add the pre-mixed product(s) in the following sequence: wettable powders, water dispersible granules, suspension concentrates and emulsifying concentrates last. Top up the mixing tank with the required quantity clean water whilst agitating. Agitate constantly during application to prevent settling of the product(s).

**Wax application:** **Teacher 230 SC** does not mix easily with cold water or cold water based wax. For uniform residue distribution, it is necessary to first mix **Teacher 230 SC** thoroughly with ± 350 mℓ warm water (± 40°C) before adding to the wax in the applicator. After dilution of **Teacher 230 SC** in wax, stir mixture thoroughly for at least 15 minutes with mixing device. The prepared mixture must be agitated constantly.

APPLICATION TABLE		
CROP and DISEASE	DOSAGE	REMARKS
<b>CHERRIES</b> (Including: Sweet cherries, tart cherries and other cultivars and hybrids)  Brown rot ( <i>Monilinia</i> spp.), Grey mould ( <i>Botrytis</i> spp.) and Rhizopus rot ( <i>Rhizopus stolonifer</i> )	20 - 40 mℓ/1000 kg fruit	<i>Spray application in water:</i> Mix <b>Teacher 230 SC</b> in an appropriate volume of water. Apply mixture with a T - Jet or similar Low Volume (mist) application equipment. Stir the mixture with <b>Teacher 230 SC</b> constantly to prevent settling. Ensure that the entire fruit surface is covered. Dry fruit after treatment and do not pack while wet. Apply <b>Teacher 230 SC</b> just once.
<b>CITRUS</b> Post-harvest decay caused by Green mould ( <i>Penicillium digitatum</i> ) and Blue mould ( <i>Penicillium italicum</i> )	<b>HIGH VOLUME WATER APPLICATION</b> 260 mℓ/100 ℓ water	<i>Dip/drench treatment:</i> Rinse and sanitise fruit according to prescribed procedure with <b>Sporekill</b> (L7115) or chlorinated water before application of <b>Teacher 230 SC</b> .  Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment and ensure fruit contact surface of at least 60 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet. It is important to treat fruit as soon as possible after harvest (within 12 hours).  Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 260 mℓ <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.  <i>Applied alone, <b>Teacher 230 SC</b> should be used when disease pressure is expected to be low to moderate. Under high disease pressure, <b>Teacher 230 SC</b> should only be used with other postharvest fungicides.</i>
Post-harvest sporulation suppression of Green and Blue mould ( <i>Penicillium</i> spp.)	<b>LOW VOLUME WAX APPLICATION</b>  250 - 500 mℓ in 25 ℓ wax  <b>Application Rate</b> ~ 1 ℓ of wax per 1 ton of fruit	<i>Wax application</i> ▶ Lower rate recommended for lemons ▶ Higher rate recommended for other citrus ▶ Apply wax evenly on pre-washed and dried fruit. (See mixing instructions)

<p><b>CUCURBITS</b> Reduction of storage mould on stem-end (<i>Botrytis</i>, <i>Rhizopus</i> and <i>Penicillium</i> spp.)</p>	<p>20 mL/10 ℓ water</p>	<p><b>Dip the stem-end only</b> in the mixture as soon as possible after harvest. Dry fruit after treatment, do not pack while wet. Stir the <b>Teacher 230 SC</b> mixture regularly to prevent settling. Replace mixture daily.</p>
<p><b>KIWI</b> Grey mould or <i>Botrytis</i> fruit decay (<i>Botrytis cinerea</i>)</p>	<p>130 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact surface of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.  Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 130 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.</p>
	<p>5 - 10 mL/1000 kg fruit</p>	<p><i>Spray application in water:</i> Mix <b>Teacher 230 SC</b> in an appropriate volume of water. Apply mixture with a T-Jet or similar Low Volume (mist) application equipment. Stir the mixture with <b>Teacher 230 SC</b> constantly to prevent settling. Ensure that the entire fruit surface is covered Apply <b>Teacher 230 SC</b> just once.</p>
<p><b>LITCHIS</b> Fruit rot (<i>Alternaria</i> spp., <i>Pestalotiopsis</i> spp., <i>Botryodiplodia</i> spp.), Soft brown rot or Stem-end rot (<i>Botryosphaeria</i> spp.) and Anthracnose (<i>Colletotrichum</i> spp.)</p>	<p>130 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.  Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 130 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.</p>
<p><b>MANGOES</b> Stem-end rot (<i>Lasiodiplodia theobromae</i>, <i>Botryodiplodia theobromae</i>), Soft brown rot (<i>Botryosphaeria</i> spp.) and Anthracnose (<i>Colletotrichum</i> spp.)</p>	<p>150 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Rinse and sanitise fruit according to prescribed procedure with <b>Sporekill</b> (L7115) or chlorinated water before application of <b>Teacher 230 SC</b>.  Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. The drench mixture must be heated and maintained at 50°C. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet. For most effective control of Soft Brown Rot and Anthracnose, include <b>ICA-Prochloraz 450 EC</b> (L8478) at registered dosage, as per label. Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 150 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.</p>
<p><b>ORNAMENTALS</b> Control of <i>Botrytis</i> spp.</p>	<p>150 - 200 mL/100 ℓ water</p>	<p><b>Post-harvest:</b> Spray <b>Teacher 230 SC</b> mixture on foliage and blooms after harvest, especially if harvested during conditions conducive for disease development. <b>Test crop safety of post-harvest applications on different flower types. Note that some flowers may be sensitive to wetting.</b></p>
<p><b>PAPAYAS</b> Stem-end rot (<i>Lasiodiplodia</i> spp.), Fruit rot (<i>Phoma</i> spp., <i>Phomopsis</i> sp.) and Anthracnose (<i>Colletotrichum gloeosporioides</i>)</p>	<p>130 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.  Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 130 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.  Prevent soiling of the mixture with pieces of fruit. For optimum control, pre-sort decaying fruit <b>before</b> treatment.</p>
<p><b>POMEGRANATE</b> <i>Botrytis</i> fruit rot (<i>Botrytis</i> spp.)</p>	<p>250 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.  Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 250 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty</p>

<p><b>POME FRUITS</b> (Apples and Pears) Blue mould (<i>Penicillium expansum</i>, <i>Penicillium solitum</i>), Grey mould (<i>Botrytis cinerea</i>) and Bitter rot (<i>Colletotrichum gloeosporioides</i>)</p>	<p>130 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Rinse and sanitise fruit according to prescribed procedure with <b>Sporekill</b> (L7115) or chlorinated water before application of <b>Teacher 230 SC</b>.</p> <p>Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.</p> <p>Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 130 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.</p>
<p><b>STONE FRUITS</b> (Apricots, nectarines, peaches, plums and prunes) Brown rot (<i>Monilinia</i> spp.), Grey mould (<i>Botrytis cinerea</i>) and Rhizopus rot (<i>Rhizopus stolonifer</i>)</p>	<p>130 mL/100 ℓ water</p>	<p><i>Dip/drench treatment:</i> Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.</p> <p>Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 130 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.</p>
	<p>5 - 10 mL/1000 kg fruit</p>	<p><i>Spray application in water:</i> Mix <b>Teacher 230 SC</b> in an appropriate volume of water. Apply mixture with a T - Jet or similar Low Volume (mist) application equipment. Stir the mixture with <b>Teacher 230 SC</b> constantly to prevent settling. Ensure that the entire fruit surface is covered. Apply <b>Teacher 230 SC</b> just once. Important to treat fruit as soon as possible after harvest.</p>
<p><b>SWEET POTATOES</b> Rhizopus rot (<i>Rhizopus stolonifer</i>)</p>	<p>125-250 mL/100ℓ water</p>	<p><i>Dip/drench treatment:</i> Apply <b>Teacher 230 SC</b> suspension as a dip or drench treatment as soon as possible after harvest and ensure fruit contact of at least 30 seconds. Do not rinse fruit after treatment. Dry fruit after treatment and do not pack while wet.</p> <p>Stir the <b>Teacher 230 SC</b> mixture constantly to prevent settling. Dip tanks can be replenished by adding 125-250 mL <b>Teacher 230 SC</b> for every 100 ℓ of water added. Replace the whole mixture when dirty.</p>
	<p>5 mL/1000 kg fruit</p>	<p><i>Spray application in water:</i> Mix <b>Teacher 230 SC</b> in an appropriate volume of water. Apply mixture with a T - Jet or similar Low Volume (mist) application equipment. Stir the mixture with <b>Teacher 230 SC</b> constantly to prevent settling. Ensure that the entire fruit surface is covered Apply <b>Teacher 230 SC</b> just once. Important to treat the sweet potato as soon as possible after harvest.</p>
<p><b>GENERAL INSTRUCTIONS:</b></p> <ul style="list-style-type: none"> <li>• Only one post-harvest treatment of <b>Teacher 230 SC</b> per fruit per season</li> <li>• For optimum control, treat fruit as soon as possible after harvesting</li> <li>• For effective control, sort out decaying fruit BEFORE treatment</li> <li>• <b>Ensure that Teacher 230 SC stays in suspension by constantly stirring the mixture</b></li> <li>• Sanitise high volume re-cycling tanks after hours by heating to 60 °C for 1 hour</li> <li>• <b>Teacher 230 SC</b> can be broken down by sunlight, do not store treated fruit in direct sunlight</li> <li>• <b>Do not discard used fungicide mixtures into rivers or dams</b></li> </ul>		

# TEACHER 230 SC

Wet 36 van 1947

SA Reg. Nr: L9919 / NAM Reg. Nr: N-AR 1719

'n Kontak suspensiekonsentraat swamdoder vir die beheer van na-oes siektes op verskeie gewasse soos aangedui

## AKTIEWE BESTANDELE:

Fludioxonil (fenielpirol) ..... 230 g/l

### GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd.

Reg. Nr. 2001/013319/07

Posbus 2312 ♦ STELLENBOSCH ♦ 7601 ♦ Suid-Afrika

## VERSIGTIG

### WAARSKUWINGS

**Onthoudingsperiodes** (Minimum aantal dae tussen laaste toediening en verbruik):

▶ <i>Granate</i> .....	1 dag
▶ <i>Kernvrugte (Appels &amp; Pere)</i> .....	1 dag
▶ <i>Kersies</i> .....	1 dag
▶ <i>Kiwi</i> .....	1 dag
▶ <i>Lietsjies</i> .....	1 dag
▶ <i>Mangoes</i> .....	1 dag
▶ <i>Pampoengewasse</i> .....	1 dag
▶ <i>Papajas</i> .....	1 dag
▶ <i>Patats</i> .....	1 dag
▶ <i>Sitrus</i> .....	1 dag
▶ <i>Steenvrugte (Appelkose, Nektarines, Perskes, Pruime)</i> .....	1 dag

Nakoming van hierdie onthoudingsperiodes en onderstaande toediening instruksies sal verseker dat die plaaslike maksimum residu limiete (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoervereistes van ander lande nie. Indien die gewas wat behandel gaan word, bestem is vir uitvoer, skakel met die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **Teacher 230 SC** as gewasveilig beskou word op die meeste belangrike kultivars, beteken dit nie dat 'n meer sensitiewe kultivar in die toekoms op die mark kan kom nie. Vrugte van nuwe kultivars moet nie op groot skaal behandel word voordat **Teacher 230 SC** daarop getoets is nie.

- ▶ Hou buite bereik van kinders, oningeligte persone en diere.
- ▶ Hou weg van voedsel, voer en drink water.
- ▶ Kan skadelik wees indien ingesluk, moenie die produk drink nie.
- ▶ Baie toksies vir akwatiese organismes, mag langtermyn skade in die akwatiese omgewing tot gevolg hê.
- ▶ Berg in koel, droë, wel belugte area en weg van direkte sonlig.

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 produkte wat nie op die etiket aangedui is nie en die voorkoms van weerstand 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 effekte op mens of dier of vir 'n gebrek aan doeltreffendheid, as gevolg van die versuim van die gebruiker 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 geval van enige onsekerheid.

### VOORSORGMATREËLS

- Moenie eet, drink of rook terwyl die produk hanteer word nie. Was hande, gesig en klere na gebruik met seep en water.
- Vermoed kontak met die vel, oë of klere.
- Moet nie spuitnewel inasem nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Vermoed vrylating aan die omgewing.
- Hanteer hierdie materiaal en / of sy houer as gevaarlike afval.
- Maak alle apparaat deeglik skoon na gebruik en gooi afvalwater weg waar dit nie die omgewing sal besoedel nie.
- Sodra houer leeg is, keer om oor spuittenk of mengbak en dreineer vir minstens 30 sekondes totdat vloeï tot gedrup verminder het. Spoel leë houer daarna driekeer uit met 'n volume water gelykstaande aan minstens 30% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word, deur gate daarin te maak. Bied houer aan vir hersirkulasie of neem na 'n amptelike vullis area. Moenie die houer vir enige ander doel gebruik nie.

## WEERSTANDSWAARSKUWING

**Teacher 230 SC** bestaan uit groepkode (12) swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **Teacher 230 SC** of enige ander groepkode (12) swamdoders het. Indien hierdie swamdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **Teacher 230 SC** of enige ander groepkode (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 tenkingsels van produkte in verskillende swamdoder groepkodes,
- raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkingsels gemaak word, met produkte in ander swamdoder groepkodes,
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.

**Teacher 230 SC** moet altyd as 'n voorkomende behandeling toegedien word. Wissel **Teacher 230 SC** toedienings af met geregistreerde middels wat nie fenielpirool bevat nie. Moet nooit 'n verwante middel in 'n program saam met **Teacher 230 SC** gebruik nie.

## GEBRUIKSAANWYSINGS (Gebruik slegs soos aangedui)

### VERENIGBAARHEID:

- Hoewel **Teacher 230 SC** verenigbaar is met meeste landbouchemiesemiddels word 'n fisiese mengbaarheidstoets altyd aanbeveel voor gebruik.

### MENGINSTRUKSIES:

**Water aanwending:** Maak mengtenk halfvol met skoon water. Skud die **Teacher 230 SC** houër deeglik voor gebruik en meng die aanbevole hoeveelheid vooraf in ten minste 10 liter water. Meng enige ander produk vooraf afsonderlik op dieselfde wyse. Terwyl mengtenk geroer word, voeg die vooraf gemengde produkte in die volgende volgorde by: benatbare poeiers, water oplosbare korrels, suspensie konsentrate en laastens emulsifiseerde konsentrate. Vul mengtenk met skoon water tot by verlangde vlak terwyl voortdurend geroer word. Verseker goeie roering van die mengsel ten alle tye om uitsakking te verhoed.

**Waks aanwending:** **Teacher 230 SC** meng NIE maklik met koue water of koue sitruswaks nie. Vir uniforme residu lading, meng **Teacher 230 SC** eers deeglik in ± 350 mℓ warm water (± 40°C) voordat dit by die waks in toediener gevoeg word. Ná verdunning van **Teacher 230 SC** in waks, meng deeglik vir minstens 15 minute met mengapparaat. Die mengsel moet konstant gemeng word nadat dit aangemaak is.

TOEDIENINGSTABEL		
GEWAS en SIEKTE	DOSIS	OPMERKINGS
<b>GRANATE</b> <i>Botrytis</i> vrugvrot ( <i>Botrytis</i> spp.)	250 mℓ/100 ℓ water	<i>Doop/drenkbehandeling:</i> Dien die <b>Teacher 230 SC</b> toe in 'n doop- of drenkbehandeling en verseker 'n kontakperiode van minstens 30 sekondes met vrugte. Moenie vrugte afspoel na toediening nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 250 mℓ <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.
<b>KERNVRUGTE</b> (Appels en Pere) <i>Penicillium expansum</i> , <i>Penicillium solitum</i> , Gryskimmels, ( <i>Botrytis cinerea</i> ) en Bitter verrotting, ( <i>Colletotrichum gloeosporioides</i> )	130 mℓ/100 ℓ water	<i>Doop/drenkbehandeling:</i> Spoel en ontsmet vrugte deeglik volgens voorgeskrewe prosedure met <b>Sporekill</b> (L7115) of gechlorineerde water voor <b>Teacher 230 SC</b> toediening.  Dien die <b>Teacher 230 SC</b> toe in 'n doop- of drenkbehandeling en verseker 'n kontakperiode van minstens 30 sekondes met vrugte. Moenie vrugte afspoel na toediening nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 130 mℓ <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.
<b>KERSIES</b> (Insluitend: Soetkersies, tertkersies en alle kultivars en hibriede)  Bruinvrot ( <i>Monilinia</i> spp.), Gryskimmels ( <i>Botrytis</i> spp.) en Rhizopus verrotting ( <i>Rhizopus stolonifer</i> )	20 - 40 mℓ/1000 kg vrugte	<i>Aanspuitbehandeling in water:</i> Meng <b>Teacher 230 SC</b> in geskikte hoeveelheid water. Dien mengsel toe met 'n T-Jet of soortgelyke Lae Volume (newel) toedieningsapparaat. Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Verseker dat die hele vrugoppervlakte bedek word. Droog vrugte na behandeling, moenie nat vrugte verpak nie. Dien <b>Teacher 230 SC</b> slegs eenmalig toe.

<b>KIWI</b> Grys-skimmel of <i>Botrytis</i> vrugvrot ( <i>Botrytis cinerea</i> )	130 mL/100 ℓ water	<i>Doop/drenkbehandeling:</i> Dien <b>Teacher 230 SC</b> toe in 'n doop- of drenk behandeling van ten minste 30 sekondes, moenie vrugte afspoel na behandeling nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 130 mL <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.
	5 - 10 mL/1000 kg vrugte	<i>Aanspuitbehandeling in water:</i> Meng <b>Teacher 230 SC</b> in geskikte hoeveelheid water. Dien mengsel toe met 'n T-Jet of soortgelyke Lae Volume (newel) toedieningsapparaat. Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Verseker dat die hele vrugoppervlakte bedek word en dien slegs eenmalig toe.
<b>LIETSJIES</b> Vrugvrot ( <i>Alternaria</i> spp., <i>Pestalotiopsis</i> spp., <i>Botryodiplodia</i> spp.), Sagte bruinvrot of Stingel-ent verrotting ( <i>Botryosphaeria</i> spp.) en Antraknose ( <i>Colletotrichum</i> spp.)	130 mL/100 ℓ water	<i>Doop/drenkbehandeling:</i> Dien <b>Teacher 230 SC</b> toe in 'n doop/drenk behandeling van ten minste 30 sekondes, moenie vrugte afspoel na behandeling nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 130 mL <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.
<b>MANGOES</b> Stingel-ent vrot ( <i>Lasiodiplodia theobromae</i> Syn. <i>Botryodiplodia theobromae</i> ), Sagte bruinvrot ( <i>Botryosphaeria</i> spp.) en Antraknose ( <i>Colletotrichum</i> spp.)	150 mL/100 ℓ water	<i>Doop/drenkbehandeling:</i> Spoel en ontsmet vrugte deeglik volgens voorgeskrewe prosedure met <b>Sporekill</b> (L7115) of gechlorineerde water voor <b>Teacher 230 SC</b> toediening.  Dien die <b>Teacher 230 SC</b> suspensie toe as 'n doop- of drenkbehandeling. Die doopmengsel moet verhit en gehandhaaf word by 50°C. Verseker 'n kontakperiode van minstens 30 sekondes met vrugte. Moenie vrugte afspoel na toediening nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie. Vir mees doeltreffende beheer van Sagte bruinvrot en Antraknose, sluit <b>ICA-Prochloraz 450 EC</b> (L8478) in teen geregistreerde dosis, soos per etiket.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 150 mL <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.
<b>PAMPOENGWASSE</b> Vermindering van swamgroei op stingel-end tydens opberging ( <i>Botrytis</i> , <i>Rhizopus</i> and <i>Penicillium</i> spp.)	20 mL/10 ℓ water	<b>Doop slegs die stingel-end</b> in die mengsel so gou as moontlik na oes. Droog vrugte na behandeling, moenie verpak terwyl vrugte steeds nat is nie. Roer <b>Teacher 230 SC</b> mengsel gereeld om uitsakking te voorkom. Vervang mengsel daagliks.
<b>PAPAJAS</b> Stingel-end vrot ( <i>Lasiodiplodia</i> spp.), Vrugvrot ( <i>Phoma</i> spp., <i>Phomopsis</i> sp.) en Antraknose ( <i>Colletotrichum gloeosporioides</i> )	130 mL/100 ℓ water	<i>Doop/drenkbehandeling:</i> Dien die <b>Teacher 230 SC</b> suspensie toe as 'n doop- of drenkbehandeling en verseker 'n kontakperiode van minstens 30 sekondes met vrugte. Moenie vrugte afspoel na toediening nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 130 mL <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is. Verhoed besmetting van doop-mengsel met vrug reste/stukke. Vir optimale beheer, sorteer bederfde vrugte uit <b>voor</b> behandeling.
<b>PATATS</b> Rhizopus verrotting ( <i>Rhizopus stolonifer</i> )	125 - 250 mL/100 ℓ water	<i>Doop/drenkbehandeling:</i> Dien <b>Teacher 230 SC</b> toe in 'n doop- of drenk behandeling van ten minste 30 sekondes, moenie vrugte afspoel na behandeling nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.  Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 125 - 250 mL <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.
	5 mL/1000 kg vrugte	<i>Aanspuitbehandeling in water:</i> Meng <b>Teacher 230 SC</b> in geskikte hoeveelheid water. Dien mengsel toe met 'n T-Jet of soortgelyke lae volume (newel) toedieningsapparaat. Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Verseker dat die hele vrugoppervlakte bedek word en dien slegs eenmalig toe. Dit is belangrik dat patats so gou as moontlik na-oes behandel word.



<b>SIERPLANTE</b> Beheer van <i>Botrytis</i> spp.	150 - 200 mℓ/100 ℓ water	<p><b>Na-oes:</b> Spuit <b>Teacher 230 SC</b> op loof en blomme na-oes, veral as ge-oes word tydens toestande gunstig vir siekte ontwikkeling.</p> <p><b>Toets gewasveiligheid van na-oes toediening op verskillende blomsoorte. Neem kennis dat sommige blomsoorte sensitief kan wees vir benatting.</b></p>
<b>SITRUS</b> Na-oes bederf veroorsaak deur Groenskimmel ( <i>Penicillium digitatum</i> ) en Blouskimmel ( <i>Penicillium italicum</i> )  Na-oes sporulasie onderdrukking van Groen- en Blouskimmel ( <i>Penicillium</i> spp.)	<b>HOË VOLUME WATER AANWENDING</b> 260 mℓ/100 ℓ water	<p><i>Doop/drenkbehandeling:</i>          Spoel en ontsmet vrugte deeglik volgens voorgeskrewe prosedure met <b>Sporekill</b> (L7115) of gechlorineerde water voor <b>Teacher 230 SC</b> toediening.</p> <p>Dien die <b>Teacher 230 SC</b> suspensie toe as 'n doop- of drenkbehandeling en verseker 'n kontakperiode van minstens 60 sekondes met vrugte. Moenie vrugte afspoel na toediening nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie. Dit is belangrik dat vrugte so spoedig moontlik na oes behandel word (verkieklik binne 12 uur).</p> <p>Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 260 mℓ <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.</p> <p><b>Teacher 230 SC</b> kan alleen gebruik word indien siekte druk na verwagting laag tot matig sal wees. Onder hoë siektedruk, moet <b>Teacher 230 SC</b> slegs gebruik word met ander na-oes swamdoders.</p>
	<b>LAE VOLUME WAKS AANWENDING</b> 250 – 500 mℓ in 25 ℓ waks  <b>Toedienings hoeveelheid</b> ~1 ℓ waks per 1 ton vrugte	<p><i>Waks aanwending</i></p> <ul style="list-style-type: none"> <li>▶ Laer dosis aanbeveel vir suurlemoene</li> <li>▶ Hoer dosis aanbeveel vir ander sitrus</li> <li>▶ Dien waks egalig toe op vooraf gewas en gedroogde vrugte. (<i>Sien ook menginstruksies</i>)</li> </ul>
<b>STEENVRUGTE</b> (Appelkose, nektariens, perskes, pruime en pruimedante) Bruinvrot ( <i>Monilinia</i> spp.), Grys-skimmel ( <i>Botrytis cinerea</i> ) en Rhizopus verrotting ( <i>Rhizopus stolonifer</i> )	130 mℓ/100 ℓ water	<p><i>Doop/drenkbehandeling:</i>          Dien <b>Teacher 230 SC</b> toe in 'n doop- of drenk behandeling van ten minste 30 sekondes, moenie vrugte afspoel na behandeling nie. Droog vrugte na behandeling, moenie nat vrugte verpak nie.</p> <p>Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Dompeltenks kan aangevul word met 130 mℓ <b>Teacher 230 SC</b> vir elke 100 ℓ vars water wat bygevoeg word. Vervang die hele mengsel wanneer water te vuil is.</p>
	5 - 10 mℓ/1000 kg vrugte	<p><i>Aanspuitbehandeling in water:</i>          Meng <b>Teacher 230 SC</b> in geskikte hoeveelheid water. Dien mengsel toe met 'n T-Jet of soortgelyke Lae Volume (newel) toedieningsapparaat. Roer <b>Teacher 230 SC</b> mengsel permanent om uitsakking te voorkom. Verseker dat die hele vrugoppervlakte bedek word en dien slegs eenmalig toe. Dit is belangrik dat vrugte so gou as moontlik na-oes behandel word.</p>
<p><b>ALGEMENE VOORSKRIFTE:</b></p> <ul style="list-style-type: none"> <li>• Slegs een na-oes behandeling met <b>Teacher 230 SC</b> per vrug per seisoen</li> <li>• Vir optimale beheer behandel vrugte so gou moontlik na-oes</li> <li>• Vir effektiewe beheer, sorteer bederfde vrugte uit <b>voor</b> behandeling</li> <li>• <b>Verseker dat Teacher 230 SC in suspensie bly deur die suspensie permanent te roer</b></li> <li>• Saniteer hoë volume, herwinningstenke deur dit na-ure te verhit tot 60 °C vir 1 uur</li> <li>• <b>Teacher 230 SC</b> kan deur direkte sonlig afgebreek word, behandelde vrugte moet dus nie in direkte sonlig gelaat of opgeberg word nie</li> <li>• <b>Moenie oorskot doop-mengsels in riviere of damme stort nie</b></li> </ul>		