

ICA-THIABENDAZOLE 500 SC

Act No. 36 of 1947

SA Reg. No. L7784 / NAM Reg. No. N-AR 1559 / BWA Reg. No. W130843

A suspension concentrate fungicide for the control of diseases mentioned on the crops listed and the disinfection of empty cold stores.

ACTIVE INGREDIENT:

Thiabendazole (benzimidazole) 500 g/ℓ

REGISTERED BY:

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WARNINGS

May be harmful if swallowed
May be harmful in contact with skin
Very toxic to aquatic life with long lasting effects

- Post-harvest waxed treated avocados that get wrapped afterwards may develop internal browning.

Compliance with below application methods 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, maximum residue limits and recommended withholding periods. Although **ICA-THIABENDAZOLE 500 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. **ICA-THIABENDAZOLE 500 SC** must be tested on new cultivars prior to usage over big areas.

RE-ENTRY INTERVAL: Do not enter treated area until spray deposit has settled down/dried unless wearing protective clothing.

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

If medical advice is needed, have product container or label at hand.
Wash hands and exposed skin thoroughly after handling.
Avoid release to the environment.
IF SWALLOWED: Get medical help.
IF ON SKIN: Get medical help.
Collect spillage.
Store locked up.
Dispose of contents and container in accordance with national regulations.

TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS: 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.

RELEVANT SUBSTANCES:

Thiabendazole (Cas no: 148-79-8) Aquatic Acute Category 1, H400; Aquatic Chronic Category 1, H410 (50 % w/v).
Sulphurous acid (Cas no: 115535-44-9) Aquatic Chronic Category 3, H412 (< 10 % w/v).
1,2-benzisothiazol-3-one (Cas no: 2634-33-5) Skin Sensitization Category 1, H317 (< 1 % w/v).

FIRST AID MEASURES

In case of accident or if you feel unwell seek medical advice immediately and show this LABEL where possible.

INHALATION:

- Remove the victim from immediate source of exposure. Move victim to fresh air, if it can be done safely, and keep comfortable. If victim's breathing has stopped, perform artificial respiration.
- Administer oxygen if victim's breathing is difficult or irregular. Get medical help.

SKIN:

- Remove and isolate contaminated clothing, shoes, and leather goods immediately and take a shower.
- Rinse affected areas (skin) with non-abrasive soap or mild detergent and large amounts of running water. Wash contaminated clothing before reuse. Get medical help if irritation develops and persists.

EYES:

- Rinse eyes cautiously with clean running water for at least 15 minutes, while holding eyelids apart. Remove contact lenses after 5 minutes if present and easy to do.
- Continue rinsing while holding eyelids apart. Seek medical help if irritation continues.

- INGESTION:**
- If swallowed, DO NOT induce vomiting, unless instructed to do so by poison control center or doctor. Have person sip a glass of water if able to swallow.
 - Never give anything by mouth to an unconscious person. Get medical help.
- NOTE TO PHYSICIAN:**
- There is no specific antidote. All treatments should be based on observed signs and symptoms of distress in the patient.

RESISTANCE WARNING

For resistance management, **ICA-THIABENDAZOLE 500 SC** is a group code (1) fungicide. Any fungal population may contain individuals naturally resistant to **ICA-THIABENDAZOLE 500 SC** and other group code (1) fungicides. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **ICA-THIABENDAZOLE 500 SC** or any other group code (1) fungicide.

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,
- for tank mixing or alternation with products in fungicide group code P, U and M, refer to applicable individual product labels,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

MODE OF ACTION

Thiabendazole is a benzimidazole (MBC) fungicide (FRAC group 1). Benzimidazoles selectively binds to β -tubulin, inhibiting polymerization and preventing the formation of microtubules leading to the inhibition of cell division.

DIRECTIONS FOR USE – use only as directed

The compatibility of **ICA-THIABENDAZOLE 500 SC** with other products may be influenced by several factors (e.g., the formulation of these products; the quality of the water etc.). It is important to perform a physical compatibility test prior to the spraying/application of the mixture. Consult your agent for compatibility in conjunction with other pesticides before use.

MIXING INSTRUCTIONS:

Application in water: Half fill the mixing tank with clean water. Shake the **ICA-THIABENDAZOLE 500 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, emulsifying concentrates and soluble 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). Clean all equipment thoroughly after use and dispose of wastewater without polluting the environment.

Wax and fruit coating application: **ICA-THIABENDAZOLE 500 SC** does not mix easily with cold water or cold water-based wax products. For uniform residue distribution, it is necessary to first mix **ICA-THIABENDAZOLE 500 SC** with \pm 350 ml warm water (\pm 40 °C) before adding to the applicator. After dilution of **ICA-THIABENDAZOLE 500 SC**, 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
APPLES and PEARS Blue mould & Grey mould	210 ml/100 l water	Apples: First treatment application should be within 24 hours after harvest and second treatment after cold storage. Treat by dipping fruit for 30 seconds OR spray/flood for maximum of 3 minutes. Pears: Apply treatment only once within 24 hours after harvest.
AVOCADOS Post-harvest Anthracnose (<i>Colletotrichum gloeosporioides</i>) and Stem-end rot (<i>Lasiodiplodia</i> spp.)	Treat fruit immediately after harvest (within 12 hours) and ensure thorough drying of treated fruit before packing and storage. #Refer to "MIXING INSTRUCTIONS" when mixing with Teacher 230 SC.	
	Pre-test each cultivar to be treated. White residue may be visible at certain dosages on certain cultivars. Highly recommended to dry fruit on rollers or brushes. Do not pack wet fruit.	
	Dip treatment: 400 ml/100 l water	Dip/drench application: Treat fruit for at least 30 seconds.
	OR 270 ml/100 l water Plus Teacher 230 SC as registered	Can be applied in a mixture with Teacher 230 SC or a registered light mineral oil as per registered labels. Note: Confirm if mineral oil is acceptable to relevant markets.
	OR 270 ml/100 l water Plus 500 ml light mineral oil	

	<p>Low volume spray-on application: 400 – 800 mL/100 ℓ water</p> <p style="text-align: center;">OR</p> <p>400 – 800 mL/100 ℓ water Plus Teacher 230 SC as registered</p>	<p>Spray-on application: Mix ICA Thiabendazole 500 SC and Teacher 230 SC (if used) in the appropriate volume of water. Apply the mixture at a pressure of 1 to 3 bar. Stir the mixture constantly to prevent settling. Ensure that the entire fruit surface is thoroughly covered during application.</p> <p>Use the higher dosage under conditions of high disease pressure.</p> <p>Residues will conform to South Africa MRL. Note that Teacher 230 SC may lead to fludioxonil residues close to 1.5 mg/kg fludioxonil, depending on the dosage, packing line design, fruit size and cultivar treated.</p>
	<p>Fruit coating: 70 mL/25 ℓ fruit coating Maximum of 2,8 mL ICA Thiabendazole 500 SC per 1 ton of fruit</p>	<p>Ensure thorough coverage of fruit with mixture. Refer to <u>mixing instructions</u>.</p> <p>WARNING: Fruit coated and then wrapped may develop internal browning.</p>
<p>An effective post-harvest decay control programme includes pre-harvest and post-harvest fungicide applications. Consult crop advisor/registration holder for a comprehensive preventative post-harvest decay programme.</p>		
<p>BANANAS Post-harvest control of Collar rot</p>	45 mL/100 ℓ water	Immerse for 2 – 4 minutes, after washing, cleaning, and trimming.
<p>CITRUS Post-harvest control of Green mould, Blue mould, Stem-end rot</p>	<p>High Volume Water Application: 200 mL/100 ℓ water (1000 ppm thiabendazole)</p>	<p>(Refer to mixing instructions) Apply in a high-volume applicator, ensure complete coverage of all fruit using a pre-degreening drench or in-line drench/dip system. Mixture should be stirred constantly and continuously in the applicator.</p> <p>Spray or brush suspension onto fruit and ensure total coverage of fruit surface. Continuous uninterrupted agitation of mixture must be maintained.</p> <p>(Refer to wax mixing instructions) Apply in water emulsion wax by using a special wax applicator, apply ~ 1 ℓ wax emulsion per ton of fruit. Continuous uninterrupted agitation of wax emulsion must be maintained.</p>
	<p>Low Volume Water Application: Spray or Brush on treatment Only on cleaned fruit 400 mL/100 ℓ water (2000 ppm thiabendazole)</p>	
	<p>Low Volume Wax Application: Only on cleaned fruit 200 mL/25 ℓ wax (4000 ppm thiabendazole)</p>	
<p>DISINFECTION OF EMPTY COLD STORES <i>Aspergillus</i> spp., <i>Botrytis</i> spp. and <i>Penicillium</i> spp.</p>	20 mL/10 ℓ water	Apply as wash to walls and floors to aid in disinfection of <i>Aspergillus</i> spp., <i>Botrytis</i> spp. and <i>Penicillium</i> spp.
<p>MUSHROOMS Dry bubble, Wet bubble, Cobweb, Plaster mould</p>	230 – 300 mL/100 ℓ water	Apply as drench using 100 ℓ suspension per 80 m ² of mushroom bed. Apply the higher rate after casing and lower rate between breaks.
<p>MUSKMELON Post-harvest rot</p>	80 mL/25 ℓ water	Apply in water emulsion wax. (Refer to mixing instructions). Ensure thorough coverage of fruit with wax and that treated fruit is dry before packing. Not effective against bacterial rots.
<p>POTATOES</p> <p>SEED POTATOES Fusarium dry rot, Gangrene and suppression of Black scurf</p>	<p>Treat whole tubers only. When using dip treatments DO NOT dip potatoes in bags. Discard suspension when dirty. Agitate tubers during dipping to remove air bubbles. For black scurf treat just prior to planting and for dry rot as soon as possible after lifting. Allow to dry before storing.</p> <p><u>Spray application:</u> 2100 – 4200 mL/100 ℓ water</p> <p><u>Dip treatment:</u> 400 mL/100 ℓ water</p> <p><u>Waterless Spray application:</u> 90 mL/ton</p>	<p>Apply 4 ℓ suspension at the lower rate OR 2 ℓ suspension at the higher rate per one-ton potatoes on a conveyer line using a special misting applicator.</p> <p>Immerse for 5 minutes. Potatoes to be dipped should be free of soil. Top up dip to original level using 400 mL per 100 ℓ water.</p> <p>Treat potatoes on a moving conveyor line using a special ULV applicator.</p>
<p>Rhizoctonia stem canker and Black scurf</p>	Treat just prior to planting. Will also control silver scurf.	
	<p><u>Dip treatment:</u> 800 mL/100 ℓ water</p>	<p>Immerse for 5 minutes. Potatoes to be dipped should be free of soil. Top up dip to original level using 800 mL per 100 ℓ water.</p>

<p>TABLE POTATOES Fusarium dry rot</p>	<p><u>Waterless Spray application:</u> 135 mℓ/ton</p>	<p>Treat potatoes on a moving conveyor line using a special ULV applicator. Not recommended for tubers with severe black scurf.</p>
	<p>Treat immediately after lifting. Allow to dry before storing. Will also control gangrene and silver scurf.</p>	
	<p><u>Spray application:</u> 315 – 630 mℓ/100 ℓ water</p>	<p>Apply 4 ℓ suspension at the lower rate OR 2 ℓ suspension at the higher rate per one-ton potatoes on a conveyor line using a special misting applicator.</p>
	<p><u>Dip treatment:</u> 400 mℓ/100 ℓ water</p>	<p>Immerse for 2 minutes. Potatoes to be dipped should be free of soil. Top up dip to original level using 400 mℓ per 100 ℓ water.</p>
	<p><u>Waterless Spray application:</u> 90 mℓ/ton</p>	<p>Treat potatoes on a moving conveyor line using a special ULV applicator.</p>
<p>TURF Dollar spot, Fusarium and Helminthosporium leaf spot</p>	<p>60 mℓ/100 m²</p>	<p>Treat bowling greens, golf courses and lawns. Dilute the required quantity of ICA-THIABENDAZOLE 500 SC in sufficient clean water to allow for good coverage of the turf surface at the indicated rate. Apply as a corrective treatment when first disease symptoms appear and repeat every 14 – 21 days as required. NOTE: If grass is being cut, ICA-THIABENDAZOLE 500 SC should be applied after cutting and further mowing should not take place until at least 24 hours after treatment.</p>

Teacher 230 SC (Reg. No. L9919, Act 36 of 1947) is a registered product of ICA International Chemicals.

SANB-TZ010

ICA-THIABENDAZOLE 500 SC

Wet Nr. 36 van 1947
SA Reg. Nr. L7784 / NAM Reg. Nr. N-AR 1559 / BWA Reg. Nr. W130843

'n Suspensie konsentraat swamdoder vir die beheer van siektes op gewasse soos gelys en die ontsmetting van leë koelkamers.

AKTIEWE BESTANDDEEL:

Thiabendasool (bensimidasool) 500 g/ℓ

GEREGISTREER DEUR:

ICA International Chemicals (Pty) Ltd. Reg. Nr. 2001/013319/07
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WAARSKUWINGS

Mag skadelik wees indien ingesluk
Moontlik skadelik in aanraking met vel
Baie giftig vir waterlewende organismes met langdurige gevolge

- Avokado's wat na-oes met waks behandel is en daarna toegedraai word, mag interne verbruining ontwikkel.

Nakoming van hierdie toedienings sal verseker dat die plaaslike maksimum residu limiete (MRL) nie oorskry word nie, maar mag dalk nie voldoen aan die invoereistes van ander lande nie. Indien die gewas wat behandel word, bestem is vir uitvoer, skakel die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, die MRL en aanbevole onthoudingsperiodes. Alhoewel **ICA-THIABENDAZOLE 500 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. Nuwe kultivars moet nie in groot areas behandel word voordat **ICA-THIABENDAZOLE 500 SC** daarop getoets is nie.

HERBETREDINGSINTERVAL: Moenie behandelde area betree voordat die spuitneerslag afgesak/droog is nie, tensy beskermende klere gedra 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, 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

Indien mediese advies benodig word, hou die produkhouer of -etiket byderhand.
Hou buite bereik van kinders.
Lees sorgvuldig en volg alle instruksies.
Was hande en blootgestelde vel deeglik na hantering.
Vermy vrystelling in die omgewing.
INDIEN INGESLUK: Kry mediese hulp.
INDIEN OP VEL: Kry mediese hulp.
Maak stortsel bymekaar.
Berg agter slot en grendel.
Raak ontslae van inhoud en houer volgens nasionale regulasies.

SPOEL DIE LEË HOUER DRIE MAAL SOOS VOLG: Keer die leë houer om oor 'n meng- of spuittenk en laat vir ten minste 30 sekondes leegloop totdat die vloeï stadiger word tot 'n gedrup. Spoel die leë houer drie maal met skoon water gelyk aan 'n minimum van 30 % van die volume van die houer. Voeg spoelwater by die inhoud van die spuittenk. Bied houer aan vir herwinning of perforeer dit en raak daarvan ontslae by 'n gemagtigde opvulterrein. Moenie houer vir enige ander doel gebruik nie.

RELEVANTE STOWWE:

Thiabendasool (Cas no: 148-79-8) Waterlewend Akut Kategorie 1, H400; Waterlewend Kronies Kategorie 1, H410 (50 % m/v).
Swaelsuur (Cas no: 115535-44-9) Waterlewend Kronies Kategorie 3, H412 (< 10 % m/v).
1,2-bensotiasolien-3-oon (Cas no: 2634-33-5) Vel Sensitiserings Kategorie 1, H317 (< 1 % m/v).

NOODHULPBEHANDELING

In die geval van 'n ongeluk of as jy onwel voel, verkry onmiddellik mediese hulp en wys hierdie ETIKET waar moontlik.

INGEASEM:

- Neem die slagoffer weg van die onmiddellike bron van blootstelling. Verskuif die slagoffer na vars lug as dit veilig gedoen kan word en hou gemaklik. Indien die slagoffer ophou asemhaal, pas kunsmatige asemhaling toe.
- Dien suurstof toe as die slagoffer se asemhaling moeilik of onreëlmatig is. Kry mediese hulp.

VEL:

- Verwyder en isoleer besmette klere, skoene en leergoedere dadelik en stort.
- Spoel aangetaste areas (vel) dadelik met nieskurende seep of sagwerkende wasmiddel en groot hoeveelhede lopende water. Was besmette klere voor hergebruik. Kry mediese hulp indien irritasie ontwikkel en voortduur.

- OË:**
- Spoel oë versigtig met skoon lopende water vir ten minste 15 minute terwyl die ooglede vanmekaar gehou word. Verwyder kontaklense na 5 minute indien aanwesig en maklik om te doen.
 - Hou aan met spoel terwyl ooglede vanmekaar gehou word. Kry mediese hulp indien irritasie voortduur.
- OPNEMING:**
- Indien ingesluk, MOENIE vomering aanmoedig nie, tensy deur 'n gifbeheersentrum of dokter aangesê is om dit te doen. Laat persoon slukkies van 'n glas water neem indien in staat is om te sluk.
 - Moet nooit iets per mond aan 'n bewustelose persoon toedien nie. Kry mediese hulp.
- NOTA AAN GENEESHEER:**
- Daar is nie 'n spesifieke teenmiddel nie. Alle behandeling moet gebaseer word op waargenome tekens en simptome van nood by die pasiënt.

WEERSTANDSWAARSKUWING

ICA-THIABENDAZOLE 500 SC is 'n groepkode (1) swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **ICA-THIABENDAZOLE 500 SC** of enige ander groepkode (1) swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swam populasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **ICA-THIABENDAZOLE 500 SC** of enige ander groepkode (1) swamdoder beheer word nie.

Om weerstand teen swamdoders te vertraag:

- vermy die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende swamdoder groepkodes,
- raadpleeg toepaslike individuele produketikette wanneer daar afgewissel word, of tenkmengsels gemaak word, met produkte in swamdoder groepkodes P, U en M,
- integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoderprogramme.

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

WERKINGSWYSE

Thiabendasool is 'n bensimidazool (MBC) swamdoder (FRAC groep 1). Bensimidazool bind selektief aan β -tubulien wat polimerisasie inhibeer en die vorming van mikrotubuli voorkom wat lei tot die inhibisie van seldeling.

GEBRUIKSAANWYSINGS – gebruik slegs soos aangedui

Die verenigbaarheid van **ICA-THIABENDAZOLE 500 SC** met ander produkte kan deur verskeie faktore (bv. kwaliteit van die water; formulasie van bykomende produkte ens.) beïnvloed word. 'n Fisiese verenigbaarheidstoets moet altyd uitgevoer word, alvorens 'n tenkmengsel gespuit word. Raadpleeg jou verspreider oor die verenigbaarheid van verskillende plaagdoders met mekaar.

MENGINSTRUKSIES:

Water aanwending: Maak mengtenk halfvol met skoon water. Skud die **ICA-THIABENDAZOLE 500 SC** houer deeglik voor gebruik en meng die aanbevole hoeveelheid vooraf in ten minste 10 liter water. **#Meng enige ander produk(te) 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, emulsifiseerde konsentrate en oplosbare konsentrate laaste. 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. Maak alle toerusting deeglik skoon na gebruik en gooi afvalwater weg sonder om die omgewing te besoedel.

Waks aanwending: **ICA-THIABENDAZOLE 500 SC** meng NIE maklik met koue water of koue waks produkte nie. Vir uniforme residu lading, meng **ICA-THIABENDAZOLE 500 SC** eers deeglik in ± 350 ml warm water (± 40 °C) voordat dit by die waks in toediener gevoeg word. Ná verdunning van **ICA-THIABENDAZOLE 500 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
APPELS en PERE Blou- en Grysskimmel	210 ml/100 l water	Appels: Behandel appels binne 24-uur nadat dit ge-oes is en herhaal behandeling 'n tweede keer na koue opberging. Vrugte moet gedompel word vir 30 sekondes, OF aangespuit/stort word vir maksimum 3 minute. Pere: Behandel pere slegs een maal binne 24-uur nadat dit ge-oes is.
AVOKADO'S Na-oes Antraknose (<i>Colletotrichum gloeosporioides</i>) en Stingel-ent vrot (<i>Lasiodiplodia</i> spp.)	Behandel vrugte onmiddellik na oes (binne 12 ure) en verseker deeglike droging van behandelde vrugte voor verpakking en opberging. #Verwys na "MENGINSTRUKSIES" wanneer dit met Teacher 230 SC gemeng word.	
	Doopbehandeling: 400 ml/100 l water	Doop/drenkbehandeling: Behandel vrugte vir ten minste 30 sekondes.

	<p>OF</p> <p>270 mL/100 ℓ water Plus Teacher 230 SC soos geregistreerd</p> <p>OF</p> <p>270 mL/100 ℓ water Plus 500 mL ligte minerale olie</p>	<p>Kan in 'n mengsel saam met Teacher 230 SC of 'n geregistreerde ligte minerale olie toegedien word soos op geregistreerde etiket aangedui.</p> <p>Nota: Maak seker dat die minerale olie vir die relevante markte geskik is.</p>
	<p>Lae volume aanspuitbehandeling: 400 – 800 mL/100 ℓ water</p> <p>OF</p> <p>400 – 800 mL/100 ℓ water Plus Teacher 230 SC soos geregistreerd</p>	<p>Aanspuitbehandeling: Meng ICA Thiabendazole 500 SC en Teacher 230 SC (indien gebruik) in geskikte hoeveelheid water. Dien die mengsel teen 'n druk van 1 tot 3 bar toe. Roer die mengsel voortdurend om uitsakking te voorkom. Verseker dat die hele vrugoppervlakte bedek word.</p> <p>Gebruik die hoër dosis onder toestande van hoë siektdruk.</p> <p>Residu sal aan Suid-Afrikaanse MRL voldoen. Neem kennis dat Teacher 230 SC tot residue naby aan 1.5 mg/kg fludioxonil kan lei, afhangende van die paklynontwerp, vruggrootte en kultivar wat behandel word.</p>
	<p>Vrugbedekking: 70 mL/25 ℓ vrugbedekking Maksimum van 2,8 mL ICA Thiabendazole 500 SC per 1 ton vrugte</p>	<p>Verseker goeie bedekking van vrugte met die mengsel. Verwys na <u>menginstruksies</u>.</p> <p>WAARSKUWING: Vrugte wat bedek is en daarna toegedraai word, mag interne verbruining ontwikkel.</p>
<p>'n Effektiewe na-oes bederfbeheerprogram sluit voor- en na-oes swamdoder toedienings in. Raadpleeg gewasadviseur/registrasiehouer vir 'n omvattende voorkomende na-oes bederfprogram.</p>		
<p>PIESANGS Na-oes beheer van Kraagendverrotting</p>	45 mL/100 ℓ water	Onder dompel vir 2 – 4 minute, na was, skoonmaak- en snyprosesse.
<p>SITRUS Na-oes bederf van Groenskimmel, Blouskimmel, Stingel-ent vrot</p>	<p>Hoë Volume Wateraanwending: 200 mL/100 ℓ water (1000 dpm thiabendasool)</p> <p>Lae Volume Wateraanwending: Spuit- of Aanborsel Aanwending Slegs op skoon vrugte 400 mL/100 ℓ water (2000 dpm thiabendasool)</p> <p>Lae Volume Waksaanwending: Slegs op skoon vrugte 200 mL/25 ℓ waks (4000 dpm thiabendasool)</p>	<p>(Verwys na menginstruksies)</p> <p>Dien toe in 'n hoë volume aanwender. Verseker deeglike bedekking van vrugte in 'n voor ontgroenings stort of in-lyn stort/doop sisteem. Mengsel moet deurlopend en ononderbroke geroer word in toediener.</p> <p>Spuit of borsel die suspensie aan, maak seker dat die totale vrug oppervlakte bedek word. Mengsel moet deurlopend en ononderbroke geroer word.</p> <p>(Verwys na waks menginstruksies)</p> <p>Dien die wateremulsiewaks toe met 'n spesiale waksaanwender, dien ~ 1 ℓ waks emulsie per ton vrugte toe. Waks-mengsel moet deurlopend en ononderbroke geroer word.</p>
<p>ONTSMETTING VAN LEË KOELKAMERS <i>Aspergillus</i> spp., <i>Botrytis</i> spp. en <i>Penicillium</i> spp.</p>	20 mL/10 ℓ water	Wend aan as 'n wasmiddel vir vloere en mure om by te dra tot die ontsmetting teen <i>Aspergillus</i> spp., <i>Botrytis</i> spp., en <i>Penicillium</i> spp.
<p>SAMPIOENE Droëmol, Natmol, Spinnerakswam, Pleisterswam</p>	230 – 300 mL/100 ℓ water	Deurdrenk met 100 ℓ suspensie per 80 m ² sampioenbed. Maak gebruik van die hoër dosis na aanwending van deklaag en die laer dosis tussen breke.
<p>SPANSPEK Na-oes bederf</p>	80 mL/25 ℓ water	Dien toe in wateremulsiewaks. (Verwys na menginstruksies). Die totale vrug oppervlak moet bedek wees. Behandelde vrugte moet droog wees voordat dit verpak word. Hierdie behandeling is nie effektief vir die beheer van bakteriese vrot nie .
<p>AARTAPPELS</p>	Behandel slegs heel knolle. MOENIE knolle in sakke dompel wanneer dompelmetode gebruik word nie. Gooi suspensie weg wanneer dit vuil raak. Skud knolle gedurende dompelproses om lugblasies	

<p>SAADAARTAPPELS Fusarium droëvrot, Gangreen en onderdrukking van Swartskurf</p>	<p>te verwyder. Vir swartskurf behandel net voor plant tyd en vir droëvrot so spoedig moontlik na uithaal. Knolle moet droog wees voor opberging.</p> <p><u>Sputaanwending:</u> 2100 – 4200 mℓ/100 ℓ water</p> <p><u>Dompelbehandeling:</u> 400 mℓ/100 ℓ water</p> <p><u>Waterlose Sputaanwending:</u> 90 mℓ/ton</p>	<p>Dien 4 ℓ suspensie teen die laer dosering OF 2 ℓ suspensie teen die hoër dosering toe per ton aartappels op 'n bewegende voerband met behulp van 'n spesiale misbespuitingsapparaat.</p> <p>Dompel vir 5 minute. Knolle wat ingedompel word moet vry wees van grond. Vul aan tot oorspronklike volume met gebruik van 400 mℓ per 100 ℓ water.</p> <p>Bespuit aartappels op 'n bewegende voerband met behulp van 'n ULV-bespuitingsapparaat.</p>
<p>Rhizoctonia stamkanker en Swartskurf</p>	<p>Behandel knolle net voor plant. Sal ook silwerskurf beheer.</p> <p><u>Dompelbehandeling:</u> 800 mℓ/100 ℓ water</p> <p><u>Waterlose Sputaanwending:</u> 135 mℓ/ton</p>	<p>Dompel vir 5 minute. Knolle wat ingedompel word moet vry wees van grond. Vul aan tot oorspronklike volume met gebruik van 800 mℓ per 100 ℓ water.</p> <p>Bespuit aartappels op 'n bewegende voerband met behulp van 'n ULV-bespuitingsapparaat. Word nie aanbeveel vir swaar swartskurf besmette moere nie.</p>
<p>TAFEL AARTAPPELS Fusarium droëvrot</p>	<p>Behandel onmiddellik na uithaal. Laat afdroog voor opberging. Sal ook gangreen en silwerskurf beheer.</p> <p><u>Sputaanwending:</u> 315 – 630 mℓ/100 ℓ water</p> <p><u>Dompelbehandeling:</u> 400 mℓ/100 ℓ water</p> <p><u>Waterlose Sputaanwending:</u> 90 mℓ/ton</p>	<p>Dien 4 ℓ suspensie teen die laer dosering OF 2 ℓ suspensie teen die hoër dosering toe per ton aartappels op 'n bewegende voerband met behulp van 'n spesiale misbespuitingsapparaat.</p> <p>Dompel vir 2 minute. Knolle wat gedompel word moet vry wees van grond. Vul aan tot oorspronklike volume met gebruik van 400 mℓ per 100 ℓ water.</p> <p>Bespuit aartappels op 'n bewegende voerband met behulp van 'n ULV-bespuitingsapparaat.</p>
<p>GRASPERKE Dollarvlek, Fusarium en Helminthosporium blaarvlek</p>	<p>60 mℓ/100 m²</p>	<p>Behandel rolbalbane, gholfbane en grasperke. Verdun die aanbevole hoeveelheid ICA-THIABENDAZOLE 500 SC in voldoende skoon water om te verseker dat goeie bedekking van die grasoppervlaktes verkry word. Dien toe as 'n korrektiewe behandeling sodra eerste siektesimptome verskyn en herhaal met tussenposes van 14 – 21 dae soos nodig. NOTA: Indien gras gesny word, moet ICA-THIABENDAZOLE 500 SC slegs toegedien word nadat die gras gesny is. Minstens 24-uur moet verloop tussen ICA-THIABENDAZOLE 500 SC toediening en die daaropvolgende sny van die gras.</p>

Teacher 230 SC (Reg. Nr. L9919, Wet 36 van 1947) is 'n geregistreerde produk van ICA International Chemicals.