

GROUP

11

FUNGICIDE

Constrictor 250 EC

Wet/Act 36 van/of 1947
SA Reg. No. L10457 / NAM Reg. No. N-AR 1885 /
BWA Reg. No: W1301282

'n Emulgeerbare konsentraat kontak, translaminiere swamdoder vir die beheer van verskeie siektes op gewasse soos gelys

An emulsifiable concentrate contact and translaminar fungicide for the control of various diseases in crops as listed

AKTIEWE BESTANDDEEL

Piraklostrobien (strobilurien)

250 g/ℓ

ACTIVE INGREDIENT

Pyraclostrobin (strobilurin)

Registrasiehouer / Registration Holder:



Batch Number: **SEE**

Date of

Manufacture: **CONTAINER**

Net:

SEE CONTAINER ℓ

ICA International Chemicals (Pty) Ltd

Reg. No. 2001/013319/07

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Group III



Constrictor 250 EC

SA Reg No: L10457 / NAM Reg No: N-AR 1885 / BWA Reg No: W1301282
Act 36 of 1947

An emulsifiable concentrate contact and translaminar fungicide for the control of various diseases in crops as listed.

- Control of Net Blotch, Leaf Rust and Ramularia on Barley when applied in combination with TebuCure 250 EW.
- Control of Black Spot on all Citrus.
- Control of Downy Mildew, as well as Powdery Mildew, on Wine and Table Grapes.
- Control of Powdery Mildew on Tomatoes.
- Control of Powdery Mildew and Leaf Rust on Wheat when applied in combination with TebuCure 250 EW.

ACTIVE INGREDIENT:

Pyraclostrobin (strobilurin) 250 g/ℓ

REGISTERED BY:

ICA International Chemicals (Pty) Ltd.

Reg. Nr. 2001/013319/07

PO Box 2312 ♦ STELLENBOSCH ♦ 7601 ♦ South Africa

CAUTION

WARNINGS

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

▶ <i>Barley</i>	77 Days
▶ <i>Citrus</i>	45 Days
▶ <i>Tomatoes</i>	3 Days
▶ <i>Table and Wine Grapes</i>	28 Days
▶ <i>Wheat</i>	77 Days

Compliance with these withholding periods and 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, MRL and recommended withholding periods. Although **CONSTRUCTOR 250 EC** 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. **CONSTRUCTOR 250 EC** must be tested on new cultivars prior to usage over big areas.

- Keep out of reach of children, uninformed persons and animals.
- Handle with care.
- Toxic by inhalation.
- Harmful if swallowed.
- Irritating to eyes.
- Irritating to skin.
- Keep away from food, drink and animal feeding stuff.
- 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.
- **Re-entry interval:** Do not enter treated area for one day after application, 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

- Prevent inhalation where spray or mist is generated as well as in case of insufficient ventilation.
- Wear protective clothing, rubber gloves and face shield, when preparing mixtures.
- Do not eat, drink or smoke whilst mixing or applying. Wash hands, face and clothing after use with soap and water.
- Prevent spray or mist drifting onto other crops, grazing, rivers, dams and other areas not under treatment.
- Prevent contamination of food, eating utensils, feed and drinking water.
- Clean all equipment thoroughly after use and dispose of waste water without polluting the environment.
- This material and its container must be disposed of as hazardous waste.
- Avoid release to 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.

FIRST AID TREATMENT

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

- INGESTION:**
- DO NOT induce vomiting.
 - Rinse mouth with water. Have person sip a glass of water if able to swallow.
 - PREVENT vomit from entering lungs.
 - Get medical advice immediately.
- INHALATION:**
- Treat symptomatically. Remove patient from source of exposure and move to fresh air.
 - Give artificial respiration if victim is not breathing.
 - Administer oxygen if breathing is difficult.
 - Get medical advice immediately.
- EYES:**
- Treat symptomatically. Remove any contact lenses. Rinse eyes immediately with plenty of clean water for at least 15 minutes. Hold eyelids apart while flushing.
 - Seek medical help if irritation occur.
- SKIN:**
- Treat symptomatically. Remove contaminated clothing and take a shower.
 - Rinse affected areas (skin) immediately with plenty of water.
 - If skin irritation occurs: Get medical attention/advice.
- NOTE TO PHYSICIAN:**
- Treat symptomatically.
- POTENTIAL HEALTH AFFECTS:**
- No significant adverse effects expected.

RESISTANCE WARNING

For resistance management, **CONSTRUCTOR 250 EC** consists of group code (11) fungicide. Any fungus population may contain individuals naturally resistant to **CONSTRUCTOR 250 EC** and other group code (11) fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CONSTRUCTOR 250 EC** or any other group code (11) 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.

CONSTRUCTOR 250 EC should always be applied as a preventative spray. Alternate applications of **CONSTRUCTOR 250 EC** with other registered fungicides from a different chemical class in the same programme with **CONSTRUCTOR 250 EC**, or apply with a fungicide from a different FRAC code.

Do not spray CONSTRUCTOR 250 EC on old neglected citrus trees or on fruit with black spot symptoms, as it will increase the risk of pyraclostrobin (strobilurin) resistance developing.

DIRECTIONS FOR USE

(Use only as directed)

COMPATIBILITY:

- Although **CONSTRUCTOR 250 EC** is compatible with most agrochemicals, (mancozeb, copper containing products and narrow range mineral oil), a physical compatibility test is always recommended prior to application.

MIXING INSTRUCTIONS:

Half fill the mixing tank with clean water. Shake the **CONSTRUCTOR 250 EC** container thoroughly immediately before use and pre-mix the required volume in at least 10 liter 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 before and during application. **DO NOT** allow tank mixture to settle and do not leave the prepared spray mixture in the spray tank for any length of time, e.g. overnight.

CROP RECOMMENDATION:

Citrus:

- ▶ **CONSTRUCTOR 250 EC** has limited curative ability (3 days) and must always be applied as a preventative treatment.
- ▶ Prune low hanging branches and windows in trees with dense foliage to enable good spray coverage. Prune penetration windows at 45% to the spray line to enhance spray penetration and coverage.
- ▶ Apply in water volumes per tree that will ensure complete coverage of the trees.

Guidelines to improve efficacy of spray programme and limit disease resistance developing:

- ▶ Do not apply this product on old and neglected citrus trees.
- ▶ Before starting the spray programme, remove all out of season citrus fruit and as much of dead material as possible.
- ▶ Product efficacy may be reduced if **CONSTRUCTOR 250 EC** is applied to trees where symptoms of *Phytophthora* root rot, nematode infestation or viral infection is visible, or trees are suffering from any other physiological stress.
- ▶ Indications are that the risk for **pyraclostrobin** (strobilurin) resistance development is low; however, use in mixtures with chemically unrelated registered fungicide (copper, mancozeb or mancozeb + SPOREKILL®).
- ▶ Lemons: Remove all mature fruit before starting with a black spot spray programme. **Start spray programme as soon as possible after 100 % petal drop.**

Grapevines:

- ▶ Apply **CONSTRUCTOR 250 EC** always as a preventative treatment.
- ▶ Apply a maximum of three group code (11) fungicides in a spray programme per season, alternating products from different group codes.
- ▶ Do not apply **CONSTRUCTOR 250 EC** as the first or last application in spray programme or as a follow-on application after an unsuccessful application in a spray programme.

APPLICATION TABLE		
CROP and DISEASE	DOSAGE per 100 ℓ water (or as indicated)	REMARKS
BARLEY Leaf rust (<i>Puccinia hordei</i>) Net Blotch (<i>Pyrenophora teres</i>)	250 mℓ CONSTRUCTOR 250 EC / ha PLUS 500 mℓ TebuCure 250 EW / ha	Apply at very first signs of disease presence and repeat 3 – 4 weeks later, if necessary. Ground application: Apply in 300 ℓ water / ha. Aerial application: Apply in 30 ℓ water / ha. Apply preventively, or as soon as infection is noticed especially from the flag leaf stage to ear emergence stage. Under conditions of high infection pressure a second application 3 – 4 weeks later is recommended Ground application: Apply in 300 ℓ water / ha. Aerial application: Apply in 30 ℓ water / ha. Will also suppress Ramularia (<i>Ramularia collo-cygni</i>) Do not exceed two applications of CONSTRUCTOR 250 EC per season.
CITRUS, INCLUDING ALL SOFT CITRUS AND MANDARIN TYPES Citrus Black Spot (<i>Phyllosticta citricarpa</i> , synonym <i>Guignardia citricarpa</i>)	10 mℓ CONSTRUCTOR 250 EC PLUS Registered fungicide, e.g. 150 g mancozeb 800 WP ^a or a copper fungicide according to registered dosages ^b PLUS 250 mℓ light narrow range mineral oil or registered adjuvant	Only apply as a full cover spray. Also refer to “Crop Recommendation” above. <i>For effective CBS control, it is very important to remove all out of season fruit at the beginning of the spray programme.</i> DO NOT apply more than three (3) applications of CONSTRUCTOR 250 EC per season. CONSTRUCTOR 250 EC should never be applied as the last application in a fungicide disease programme. Apply CONSTRUCTOR 250 EC as part of a preventative spray programme. <u>CBS PROGRAMME WITH TWO CONSTRUCTOR 250 EC APPLICATIONS:</u> 1. Start the CBS control programme in spring with a registered contact fungicide, e.g. 100 mℓ SPOREKILL® PLUS 100 g copper oxychloride or copper hydroxide, at 80 % petal fall/fruit set. 2. Follow-up with the first CONSTRUCTOR 250 EC tank mixture treatment. Spray interval will depend on contact fungicide registration. 3. Apply the second application of CONSTRUCTOR 250 EC tank mixture 6 weeks (42 days) later. 4. End spray programme 6 weeks (42 days) later with a registered contact fungicide, 5. If required, another round of a registered contact fungicide can be applied in order to obtain protection during the late season period. ALTERNATIVELY <u>CBS PROGRAMME WITH THREE CONSTRUCTOR 250 EC APPLICATIONS:</u> 1. Apply a CONSTRUCTOR 250 EC tank mixture at 80% petal drop/fruit set. 2. Follow-up by TWO more CONSTRUCTOR 250 EC tank mixture applications 6 week (42 days) spray interval. 3. End programme with a registered contact fungicide 6 weeks (42 days) after the 3 rd CONSTRUCTOR 250 EC tank mix application. 4. If required, another round of a registered contact fungicide, can be applied in order to obtain protection during the late season period.

<p>TABLE and WINE GRAPES</p> <p>Downy Mildew (<i>Plasmopara viticola</i>)</p> <p>Powdery Mildew (<i>Oidium necator</i>)</p>	<p>40 mℓ CONSTRUCTOR 250 EC PLUS 200 g mancozeb</p> <p>Pre-blossom stage: Wine grapes: 300 – 750 ℓ spray mixture per ha Table grapes: 500 – 1000 ℓ spray mixture per ha</p> <p>Blossom to pea-berry stage: Wine grapes: 750 – 1000 ℓ spray mixture per ha Table grapes: 1000 – 1500 ℓ spray mixture per ha</p> <p>Pea-berry to harvest stage: Wine grapes: 1000 – 1500 ℓ spray mixture per ha Table grapes: 1000 – 1500 ℓ spray mixture per ha</p>	<p>Apply as a high-volume spray. Also refer to “Crop Recommendation” above.</p> <ul style="list-style-type: none"> Apply CONSTRUCTOR 250 EC in a mixture with mancozeb. For Powdery Mildew control, a spray programme must be started at 2.5 cm shoot length with remedies from a different chemical class. Start CONSTRUCTOR 250 EC preventative applications when longest shoots are ± 10 cm. Repeat at 10 – 14 day intervals. Do not apply more than three applications of CONSTRUCTOR 250 EC per season. Table grapes: Do not apply CONSTRUCTOR 250 EC after pea berry stage.
<p>TOMATOES</p> <p>Powdery Mildew (<i>Leveillula taurica</i>)</p>	<p>80 mℓ CONSTRUCTOR 250 EC</p>	<ul style="list-style-type: none"> Apply as a high-volume application. Apply CONSTRUCTOR 250 EC in a spray programme, as a preventative fungicide, with intervals of 7 – 14, days depending on disease pressure. For residue management, a maximum of five (5) CONSTRUCTOR 250 EC applications can be made on fruit. Alternate after a CONSTRUCTOR 250 EC application with another fungicide with a different mode of action, from a different FRAC group. No more $\frac{1}{3}$ of the total number of applications in a fungicide spray programme should be made from FRAC group 11 fungicides when applied alone. If FRAC 11 fungicides are applied with fungicides from other FRAC groupings, $\frac{1}{2}$ of the applications may contain FRAC 11 fungicides.
<p>WHEAT</p> <p>Leaf Rust (<i>Puccinia recondita</i>)</p> <p>Powdery Mildew (<i>Erysiphe graminis</i>)</p>	<p>250 mℓ CONSTRUCTOR 250 EC / ha</p> <p>PLUS</p> <p>500 mℓ TebuCure 250 EW / ha</p>	<p>Apply at first signs of Leaf Rust symptoms, but not later than flag leaf stage. Repeat application 3 – 4 weeks later should symptoms re-appear.</p> <p>Ground application: Apply in 300 ℓ water / ha. Aerial application: Apply in 30 ℓ water / ha.</p> <p>Do not exceed two applications of CONSTRUCTOR 250 EC per season.</p>

SPOREKILL® Reg. No. L7115 Act 36 of 1947

TebuCure 250 EW Reg. No. L7992 Act 36 of 1947

^a Only use registered products in spray programmes

^b Registered copper products should be used at registered rates according to the label. Repeated copper applications can increase the change of copper stippling which may differ between products.

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Wet 36 van 1947

'n Emulgeerbare konsentraat kontak, translaminêre swamdoder vir die beheer van verskeie siektes op gewasse, soos gelys.

- Beheer van Netvlek, Blaarroes en Ramularia op Gars, indien toegedien in kombinasie met TebuCure 250 EW.
- Beheer van Poeieragtige Meeldou en Blaarroes op Koring, indien toegedien in kombinasie met TebuCure 250 EW.
- Beheer van Swartvlek op alle Sitrus.
- Beheer van Poeieragtige Meeldou op Tamaties.
- Beheer van Donsskimmel en Poeieragtige Meeldou op Wyn- en Tafeldruiwe.

AKTIEWE BESTANDEEL:

Piraklostrobien (strobilurien) 250 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 oes):

▶ Gars	77 Dae
▶ Koring	77 Dae
▶ Sitrus	45 Dae
▶ Tamaties	3 Dae
▶ Wyn- en Tafeldruiwe	28 Dae

Nakoming van hierdie onthoudingsperiodes en 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 **CONSTRUCTOR 250 EC** 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 **CONSTRUCTOR 250 EC** daarop getoets is nie.

- Hou buite bereik van kinders, oningeligde persone en diere.
- Hanteer versigtig.
- Giftig deur inaseming.
- Skadelik indien ingesluk.
- Irriterend vir oë.
- Irriterend vir die vel.
- Hou weg van voedsel, drinkwater en voer.
- 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.
- **Herbetredingsinterval:** Moenie behandelde area binnegaan vir 'n dag na behandeling 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

- Voorkom inaseming van sproei of missproei, asook in die geval van swak ventilasie.
- Dra beskermende klere, rubber handskoene en gesigskerm, wanneer mengsel berei word.
- Moenie eet, drink of rook tydens vermenging of toediening nie. Was hande, gesig en klere na gebruik met seep en water.
- Voorkom wegdrywing van die sproeinewel na ander gewasse, weiding, riviere, damme en ander gebiede wat nie behandel word nie.
- Voorkom besoedeling van voedsel, eetgerei, drinkwater en voer.
- Maak alle apparaat deeglik skoon na gebruik en gooi afvalwater weg waar dit nie die omgewing sal besoedel nie.
- Hierdie houer asook die inhoud moet weg gegooi word as gevaarlike afval.
- Voorkom vrystelling in die omgewing.
- Sodra houer leeg is, keer om oor spuittenk of mengbak en dreineer vir minstens 30 sekondes totdat vloei tot gedrup verminder het. Spoel leë houer daarna drie keer 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 ampelike vullis area. Moenie die houer vir enige ander doel gebruik nie.

NOODHULP BEHANDELING

- INGESLUK:**
- MOENIE braking induseer nie.
 - Spoel mond uit met water. Laat persoon 'n bietjie water drink indien dit moontlik is om te sluk.
 - VOORKOM dat braaksel in longe kom.
 - Kry onmiddellik mediese hulp.
- INASEMING:**
- Behandel simptome. Verwyder pasiënt van bron van blootstelling na vars lug en hou rustig.
 - Gee kunsmatige asemhaling indien pasiënt nie asemhaal nie.
 - Dien suurstof toe indien asemhaling moeilik is.
 - Kry onmiddellik mediese hulp.
- OË:**
- Behandel simptome. Verwyder enige kontaklense. Spoel oë dadelik met skoon water vir ten minste 15 min. Hou ooglede van mekaar terwyl gespoel word.
 - Verkry mediese hulp indien oog-irritasie voorkom.
- VEL:**
- Behandel simptome. Verwyder besmette klere en stort.
 - Spoel geaffekteerde area (vel) dadelik met genoegsame water.
 - Indien daar vel irritasie voorkom, kry mediese raad/aandag.
- NOTA AAN DOKTER**
- POTENSIEËLE GESONHEIDS**
- EFFEKTE:**
- Behandel simptome.
 - Geen beduidende nadelige nagevolge word verwag nie.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur, **CONSTRUCTOR 250 EC** bestaan uit groepkode (11) swamdoder. Enige populasie van 'n spesifieke swam mag individue insluit wat 'n natuurlike weerstand teen **CONSTRUCTOR 250 EC** of enige ander groepkode (11) swamdoders hê. Indien hierdie swamdoder herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die swampopulasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **CONSTRUCTOR 250 EC** of enige ander groepkode (11) 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 ander swamdoder groepkodes,
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in swamdoder programme.

CONSTRUCTOR 250 EC moet altyd as 'n voorkomende bespuiting toegedien word. Wissel **CONSTRUCTOR 250 EC** toedienings af met geregistreerde middels van ander groepkodes in dieselfde spuitprogram of dien toe saam met 'n ander swamdoder uit 'n ander FRAC groep.

Moenie CONSTRUCTOR 250 EC op ou en verwaarloosde sitrus bome, of op vrugte met swartvlek simptome, aanwend nie aangesien die risiko vir piraklostrobien (strobilurien) weerstand aansienlik sal verhoog.

GEBRUIKSAANWYSINGS (Gebruik slegs soos aangedui)

VERENIGBAARHEID:

- Hoewel **CONSTRUCTOR 250 EC** verenigbaar is met meeste landbouchemiesemiddels (mankoseb, koper bevattende produkte en ligte smal bestek minerale olie) word 'n fisiese mengbaarheidstoets altyd aanbeveel voor gebruik.

MENGINSTRUKSIES:

Maak mengtenk halfvol met skoon water. Skud die **CONSTRUCTOR 250 EC** 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. Roer mengsel deeglik voor en deurgaans tydens toediening. Aangemaakte spuitmengsel **MOENIE** toegelaat word om af te sak nie en die mengsel moet ook nie vir 'n onbepaalde tyd in die spuittenk bv. oornag, gelos word nie.

GEWAS AANBEVELINGS:

Sitrus:

- ▶ Omdat **CONSTRUCTOR 250 EC** beperkte genesende eienskappe het (3 dae), moet dit altyd as 'n voorkomende bespuiting aangewend word.
- ▶ Snoei laaghangende takke en snoei spuitvensters in diggroeïende bome teen 45% van die spuitlyn om indringing en bedekking met die spuitmengsel te bevorder.
- ▶ Dien toe as 'n hoë volume bespuiting om volledig bedekking van bome te verkry.

Riglyne om effektiwiteit te verhoog en weerstand ontwikkeling te beperk:

- ▶ Moenie hierdie produk op ou en verwaarloosde sitrus bome aanwend nie.
- ▶ Verwyder alle moontlike dooie hout en buite seisoen sitrus vrugte voor die spuitprogram begin word.
- ▶ Produk effektiwiteit kan swakker wees as **CONSTRUCTOR 250 EC** gebruik word op bome met *Phytophthora* wortelvrot simptome, aalwurm infestasies, virus infeksies of as bome enige ander fisiologiese stres het.
- ▶ Alhoewel indikasies vir die kans op **piraklostrobien** (strobilurien) weerstand ontwikkeling laag is, gebruik in mengsels met chemies onverwante geregistreerde swamdoders (koper, mankoseb of mankoseb + SPOREKILL®).
- ▶ Suurlemoene: Verwyder ALLE volwasse vrugte voor die aanvang van 'n swartvlek spuitprogram. **Begin met spuitprogram so gou moontlik na 100 % blom-val.**

Wingerde:

- ▶ Dien **CONSTRUCTOR 250 EC** altyd toe as voorkomende behandeling.
- ▶ Dien 'n maksimum van drie groepkode (11) swamdoders in 'n spuitprogram per seisoen toe, wissel produkte uit verskillende groepkodes met mekaar af.
- ▶ **CONSTRUCTOR 250 EC** moenie as die eerste of laaste aanwending in 'n spuitprogram, of as 'n opvolg na 'n onsuksesvolle bespuiting aangewend word nie.

TOEDIENINGSTABEL		
GEWAS en SIEKTE	DOSIS per 100 ℓ water (of soos aangedui)	OPMERKINGS
GARS Blaarroes (<i>Puccinia hordei</i>) <hr/> Netvlek (<i>Pyrenophora teres</i>)	250 mℓ CONSTRUCTOR 250 EC / ha PLUS 500 mℓ TebuCure 250 EW / ha	Dien toe sodra eerste simptome waargeneem word en herhaal 3 – 4 weke later, indien nodig. Grond Toediening: Dien toe in 300 ℓ water / ha. Lug Toediening: Dien toe in 30 ℓ water / ha. <hr/> Dien voorkomend toe of sodra die eerste simptome waargeneem word veral in die periode tussen seweblaar en vlagblaar stadium. Onder toestande van hoë siekte druk word 'n tweede aanwending 3 – 4 weke later aanbeveel. Grond Toediening: Dien toe in 300 ℓ water / ha. Lug Toediening: Dien toe in 30 ℓ water / ha. Sal ook Ramularia (<i>Ramularia collo-cygni</i>) onderdruk. Moenie meer as twee CONSTRUCTOR 250 EC toedienings per seisoen oorskry nie.
KORING Blaarroes (<i>Puccinia recondita</i>) Poeieragtige Meeldou (<i>Erysiphe graminis</i>)	250 mℓ CONSTRUCTOR 250 EC / ha PLUS 500 mℓ TebuCure 250 EW / ha	Dien toe met die eerste tekens van simptome, maar nie later as die vlagblaar stadium nie. Herhaal 3 – 4 weke indien verdere simptome waargeneem word. Grond Toediening: Dien toe in 300 ℓ water / ha. Lug Toediening: Dien toe in 30 ℓ water / ha. Moenie meer as twee CONSTRUCTOR 250 EC toedienings per seisoen oorskry nie.
SITRUS, INSLUITEND ALLE SAGTE SITRUS EN MANDARYN Tipes Swartvlek (<i>Phyllosticta citricarpa</i> , sinoniem <i>Guignardia citricarpa</i>)	10 mℓ CONSTRUCTOR 250 EC PLUS 'n Geregisteerde swamdoder soos bv. 150 g mankoseb 800 WP ^a of 'n koper swamdoder volgens die geregisteerde dosis ^b PLUS 250 mℓ ligte smal bestek minerale olie of geregisteerde adjuvant	Dien slegs toe as 'n voldek bespuiting. Sien ook 'Gewas Aanbevelings' hierbo. <i>Vir effektiewe Swartvlek beheer is dit baie belangrik om alle buiteseisoen vrugte te verwyder voordat die swartvlek spuitprogram begin.</i> MOENIE meer as drie (3) CONSTRUCTOR 250 EC toedienings per seisoen aanwend nie. CONSTRUCTOR 250 EC moet nooit as 'n laaste swamdoder in die seisoen se spuitprogram toegedien word nie. Dien CONSTRUCTOR 250 EC toe as deel van 'n voorkomende spuitprogram. <u>SWARTVLEK SPUITPROGRAM MET TWEE CONSTRUCTOR 250 EC TOEDIENINGS:</u> 1. Begin die spuitprogram in die lente met 'n geregisteerde kontakswamdoder toediening, soos bv. 100 mℓ SPOREKILL® PLUS 100 g koperoksichloried of koperhidroksied tydens 80% blomblaarval/vrugset. 2. Volg op met die eerste CONSTRUCTOR 250 EC tenk-mengsel toediening. Spuitinterval hang af van kontakswamdoder registrasie. 3. Dien die tweede CONSTRUCTOR 250 EC tenk-mengsel na 6 weke (42 dae) toe. 4. Finaliseer die spuit program 6 weke (42-dae) later met 'n toediening van 'n geregisteerde kontakswamdoder. 5. Indien benodig, kan nog 'n rondte van 'n geregisteerde kontakswamdoder toegedien word om beskerming te verkry gedurende die laat seisoen periode. ALTERNATIEWELIK <u>SWARTVLEK SPUITPROGRAM MET DRIE CONSTRUCTOR 250 EC TOEDIENINGS:</u> 1. Dien die eerste CONSTRUCTOR 250 EC tenkmengsel tydens 80% blomblaarval/vrugset toe. 2. Volg op met nog TWEE CONSTRUCTOR 250 EC tenkmengsel toedienings met 'n 6 weke (42 dae) spuitinterval. 3. Sluit die program af met 'n geregisteerde kontakswamdoder 6 weke (42 dae) na die 3 ^{de} CONSTRUCTOR 250 EC tenkmengsel toediening. 4. Indien benodig, kan nog 'n rondte van 'n geregisteerde kontakswamdoder toegedien word om beskerming te verkry gedurende die laat seisoen periode.

<p>TAMATIES</p> <p>Poeieragtige Meeldou (<i>Leveillula taurica</i>)</p>	<p>80 mℓ CONSTRUCTOR 250 EC</p>	<ul style="list-style-type: none"> • Dien toe as 'n hoë volume bespuiting. • Dien CONSTRUCTOR 250 EC toe in spuitprogram, as 'n voorkomend swamdoder, met intervale van 7 – 14 dae, afhangende van siekte druk. • Vir residu bestuur, kan 'n maksimum van vyf (5) CONSTRUCTOR 250 EC aanwendings op vrugte gemaak word. • Wissel elke CONSTRUCTOR 250 EC toediening af met swammiddels met 'n ander werking, uit 'n ander swamdoder FRAC groepkode. • Slegs 'n 1/3 van bespuitings in 'n swamdoder spuitprogram kan uit FRAC groep 11 swamdoders bestaan indien alleen toegedien. Indien FRAC 11 produkte toegedien word saam met 'n ander swamdoder uit 'n ander FRAC groep, kan 1/2 van die bespuitings groep 11 swamdoders bevat.
<p>WYN- & TAFELDRIUWE</p> <p>Donsskimmel (<i>Plasmopara viticola</i>)</p> <p>Poeieragtige Meeldou (<i>Oidium necator</i>)</p>	<p>40 mℓ CONSTRUCTOR 250 EC PLUS 200 g mankoseb</p> <p><u>Voor blom stadium:</u> Wyndruiwe: 300 – 750 ℓ spuitmengsel per ha Tafeldruiwe: 500 – 1000 ℓ spuitmengsel per ha</p> <p><u>Blom tot ertjie-korrel stadium:</u> Wyndruiwe: 750 – 1000 ℓ spuitmengsel per ha Tafeldruiwe: 1000 – 1500 ℓ spuitmengsel per ha</p> <p><u>Ertjie-korrel tot oes stadium:</u> Wyndruiwe: 1000 – 1500 ℓ spuitmengsel per ha Tafeldruiwe: 1000 – 1500 ℓ spuitmengsel per ha</p>	<p>Dien slegs toe as 'n hoë volume spuit. Sien ook “Gewas Aanbevelings” bo.</p> <ul style="list-style-type: none"> • Dien CONSTRUCTOR 250 EC toe in 'n mengsel met mankoseb. • Vir Poeieragtige Meeldou, begin met 'n voorkomende spuitprogram met 'n geregistreerde chemiese middel van 'n ander swamdodergroep, as die lote 2.5 cm lank is. • Begin voorkomende toedienings van CONSTRUCTOR 250 EC wanneer die langste lote ± 10 cm is. • Herhaal toedienings na 10 – 14 dae intervale. • Moenie meer as drie aanwendings van CONSTRUCTOR 250 EC per seisoen toedien nie. <p>Tafeldruiwe: Moenie CONSTRUCTOR 250 EC na ertjie korrel stadium toedien nie.</p>

SPOREKILL® Reg. No. L7115 Wet 36 van 1947

TebuCure 250 EW Reg. No. L7992 Wet 36 van 1947

^a Gebruik slegs geregistreerde produkte in spuitprogramme

^b Geregistreerde koperprodukte moet teen die geregistreerde dosisse volgens etikette aangewend word. Herhaalde kopertoedienings kan die kans op koper stippelvorming verhoog en mag verskil tussen produkte.

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