

DEVAXAM™ 250 WG

INSECTICIDE

WARNINGS

- Allow the following minimum number of days between last application and harvest of the crop:

Apples	119 days
Citrus	176 days
Mangoes	130 days
Tomatoes	41 days

- Handle with care.
- Toxic to bees. Do not apply as a foliar spray when honeybees are present.
- Store away from food, feed and drinking water.
- Store away from sun and damp in original closed container in a well ventilated area.
- Avoid storage below 0°C and above 35°C.
- Keep out of reach of children, uninformed persons and animals.
- Effective mite control must be exercised in crops treated with the neonicotinoid chemical group.
- Re-entry: In the case of a foliar spray applied to roses do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not guarantee that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of pest against the remedy, as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal, or for lack of performance of the remedy concerned due to failure by the user to follow the label instructions, or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

PRECAUTIONS

- Do not inhale the spray mist.
- Avoid contact with eyes.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Wear protective clothing: Gloves when mixing as well as overalls, shoes and rubber gloves during application.
- Wash with soap and water after use and accidental contact with skin.
- In case of eye contact, rinse the eyes with clean water for 15 minutes.
- Wash contaminated clothing daily.
- Avoid drift of spray mist onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean application equipment thoroughly after use.
- Dispose of excess pesticide, spray mixture or rinsate where it will not contaminate crops, grazing, rivers, dams or boreholes.
- Empty container completely into the applicator before destroying the container in the prescribed manner.
- Dispose of empty container by incineration or in a landfill site recognised for this purpose. If incinerated do not inhale the smoke.
- Do not use the empty container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE MANAGEMENT

For resistance management, DEVAXAM™ 250 WG is a group code D insecticide. Any insect population may contain individuals naturally resistant to DEVAXAM™ 250 WG and other group code D insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and exclusively in programmes. These resistant insects may not be controlled by DEVAXAM™ 250 WG or any other group code D insecticide. To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code.
- Alternate or tank mix with registered products from different insecticide group codes. Comply with individual product labels when alternating products.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

USE RESTRICTIONS

Ensure that the pH of the soil, to which DEVAXAM™ 250 WG will be applied, is below 8.5.

ROSES

- DEVAXAM™ 250 WG foliar sprays must not be applied more than twice per season. For good resistance management, alternate DEVAXAM™ 250 WG sprays with other aphicides belonging to a different chemical group.

APPLES:

- DEVAXAM™ 250 WG must only be applied as a soil drench if a micro irrigation system is present.
- Overhead, flood and drip irrigation systems are not suitable for drench applications.
- DEVAXAM™ 250 WG must only be applied to healthy, actively growing trees.

CITRUS:

- DEVAXAM™ 250 WG must only be applied as a soil drench if a micro irrigation system is present.
- Overhead, flood and drip irrigation systems are not suitable for drench applications.
- DEVAXAM™ 250 WG must only be applied to stress free trees which are healthy, vigorously growing, that have a well developed root system.
- DEVAXAM™ 250 WG efficacy may be impaired on soils with a clay content above 25%.
- DEVAXAM™ 250 WG efficacy may be limited by any factor that impairs optimal sap flow in the trees, e.g. drought stress, branches that are bent or were bent earlier.
- DEVAXAM™ 250 WG may sometimes not control red scale on a certain branch or side shoot in a tree, due to poor translocation.
- DEVAXAM™ 250 WG must not be used in lemon or lime orchards.

MANGOES:

- Notwithstanding the application of DEVAXAM™ 250 WG mango scale may be present on fruit.
- DEVAXAM™ 250 WG must only be applied to stress free trees which are healthy and vigorously growing.
- DEVAXAM™ 250 WG must only be applied as a soil drench if a micro or drip irrigation system is present and not under dryland situations. Ineffective or poor irrigation systems can impair the optimal effectiveness of the product.

TOMATOES:

- Do not apply DEVAXAM™ 250 WG, as a soil drench, more than twice per crop cycle. For good resistance management, alternate DEVAXAM™ 250 WG applications with other white fly remedies belonging to a different chemical group.

DIRECTIONS FOR USE

Use only as Indicated

COMPATIBILITY

- Do not mix DEVAXAM™ 250 WG with any other chemical when applied as a soil drench.
- Whenever tank mixtures are used, carry out a physical and chemical compatibility test first.

MIXING INSTRUCTIONS

- Fill the spray tank (foliar application in roses) or applicator (e.g. a jug for soil drench treatment) with clean water to half the required spray application volume and add the required quantity of DEVAXAM™ 250 WG.
- Thereafter, fill up the spray tank or applicator to the required volume with clean water.
- Ensure thorough agitation of mixture while topping up and during spraying or soil drenching.
- Apply as soon as possible after mixing. Do not prepare more application mixture than is needed for the immediate operation.

APPLICATION TECHNIQUES

- Foliar application
 - Ensure application equipment is appropriate for the task and in good order, correctly calibrated to give even distribution at the correct volume over the target plants.
 - Wet the entire plant to the point off run-off. Plants with dense foliage will require higher spray volumes for thorough wetting.
 - Avoid drift of spray mist to adjacent areas.
 - Avoid spraying during the heat of the day or if foliage is wet.
 - Wash all equipment thoroughly after use.
- Drench application
 - Remove all weeds and debris under the tree and make a well around the trunk.
 - Apply around the entire base of the trunk or in the case of mangoes, at the drippers (see tabel).
 - Irrigate within one day of application to wash the product into the soil.
 - Slightly damp soil at the time of application will enhance the penetration of the product into the soil.

CROP / PEST	DOSAGE RATE g/ ha	USE INSTRUCTIONS
APPLES Woolly apple aphid (<i>Eriosoma lanigerum</i>)	3g / tree	Apply during the last two weeks of September. Mix with 1 litre of water and apply with a jug around the stem of the tree. Apply to moist soil and follow up application with irrigation.
CITRUS Red scale (<i>Aonidiella auranti</i>)	18g / tree	Apply mid August to mid September when the trees are in the green bud to white bud stage. The best results are obtained when applications are done 4 to 6 weeks prior to the first crawler movement. Mix with 1 litre of water and apply with a jug around the stem of the tree. Apply to moist soil and follow up application with irrigation. Effective mite control must be exercised in crops treated with this chemical group.
CYPRESS Aphids (<i>Cinara spp.</i>)	3g / tree = 4 weeks 6g / tree = 6 weeks 12g / tree = longer than 8 weeks	Apply in 1 litre of water per tree. Follow up with light irrigation to wash the product into the soil. The effect of DEVAXAM™ 250 WG will only be clearly visible between 7 and 14 days after treatment. The expected length of control depends on the dosage: 3g / tree = 4 weeks 6g / tree = 6 weeks 12g / tree = longer than 8 weeks
MANGOES Mango scale (<i>Aulacaspis tubercularis</i>) Mealy bug (<i>Pinnacoccus citri</i> , <i>Pseudococcus longispinus</i> , <i>Nipaecoccus viridus</i>) Mango seed weevil (<i>Sternochetus mangiferae</i>)	6g / tree	Apply from the last week in July to mid August. The best results are obtained in orchards with a drip irrigation system where the product is applied directly under the dripper. In cases where there are two drippers per tree, the application quantity should be divided in two equal parts and each part applied under each dripper. In orchards with micro irrigation systems, the product must be applied around the base of the stems onto moist soil and followed up with an irrigation. Mix given quantity with 1 litre of water in a jug and apply to the soil around the stem of the tree or as indicated where a drip irrigation system is present in the orchard. Apply onto moist soil and follow up with an irrigation. The efficacy of DEVAXAM™ 250 WG is subject to effective translocation of the product throughout the plant. Any factors, such as old re-worked trees or trees subject to stress from drought or disease or waterlogging will inhibit translocation and therefore will reduce the efficacy of DEVAXAM™ 250 WG.
ROSES Aphids (<i>Myzus persicae</i> and <i>Macrosiphum rosae</i>)	10g / 100 L water 0.4g / plant	Foliar application 1 to 2 applications. Refer "Use Restrictions"-Home garden only Soil drench Pour around the base of stem in 250 ml of water per rose plant. DEVAXAM™ 250 WG is most effective if applied to moist soil.
TOMATOES Whiteflies (<i>Trialeurodes vaporariorum</i>)	0.03g / plant	Apply at transplant or shortly afterwards as a soil drench in 50 ml of water per plant. Irrigate within 24 hours after application. In cases of high whitefly pressure, repeat application 28 days later. Apply around the base of the stem of the plant in 50 ml of water per plant and irrigate within 24 hours.
TURF GRASS White grub (<i>Aphodius pseudolividus</i>) Mole cricket (<i>Gryllotalpa africana</i>)	1124g / ha	White grub Only the first and second instar white grubs will be controlled. Carry out regular inspections between September and April and apply DEVAXAM™ 250 WG as soon as small white grubs are present. Apply in 300 to 600 litre of water per hectare and lightly irrigate to wash the product in. Mole cricket Only mole cricket nymphs of less than 18 mm in length will be controlled. During November / December, prior to application, do an inspection by washing the mole crickets from the soil with a liquid soap solution. Determine the size of the nymphs and apply DEVAXAM™ 250 WG if they are small enough. Apply in 300 to 400 litre of water per hectare and lightly irrigate to wash the product in.



CAUTION
VERSIGTIG



DEVAXAM™ 250 WG

INSECTICIDE

WAARSKUWINGS

- Laat die volgende minimum aantal dae toe tussen laaste toediening en oes van die gewas:

Appels	119 dae
Sitrus	176 dae
Mango's	130 dae
Tamaties	41 dae

Hanteer versigtig.

- Giftig vir bye. Moet nie as 'n blaarbespuiting toedien as heuningbye teenwoordig is nie.
- Bêre weg van voedsel, voer en drinkwater.
- Bêre weg van sonlig en vog in die oorspronklike houër in 'n koel goed belugte ruimte.
- Moet nie onder 0°C of bo 35°C bêre nie.
- Hou buite bereik van kinders, oningeligte persone en diere.
- Doeltreffende mytbeheer moet deurgans toegepas word in gewasse wat met die neonicotinoidchemiegroep behandel word.
- Herbetroding in die geval van 'n blaartoediening op rose, moet nie behandelde gebied betree alvorens die spuitreëlingsgroep is, tensy beskermde kiere gedra word nie.

Alhoewel hierdie middel omvatend onder 'n groot verskeidenheid toestande getoets is, waartoe die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond-, klimaats- en bergingstoestande, kwaliteit van die verdundingswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die plaag teen die betrokke middel sowel as die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of diër of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van versium van die gebruiker om etiketasingswys na te kom, of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMATREËLS

- Moet nie die spuitneel inasem nie.
- Voorkom aanraking met oë.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat hande en gesig gewas is nie.
- Dra beskermende kiere. Rubberhandskoene wanneer die mengsel aangemaak word en oorpakke, skoene en rubberhandskoene tydens bespuiting.
- Was met seep en water na gebruik of toevallig kontak met vel.
- In geval van oogkontak, spoel oë met skoon water vir 15 minute.
- Was besedeerde kiere daaglik.
- Voorkom gedwrygde wind van spuitneel na ander gewasse, weiding, riviere, damme en gebiede wat nie onder behandeling is nie.
- Maak toedieningsapparaat deeglik skoon na gebruik.
- Raak van kortligte spuitstof, spuitmengsel of spoelwater ontslae dat dit nie gewasse, weiding, riviere, damme of boortege sal kontamineer nie.
- Let die inhoud van die houër ten volle in die toediener voordat die houër op die voorgeskrewe wyse vernietig word.
- Raak van die lêr houër ontslae deur dit in 'n verbrandingsood te laat verbrand of na 'n stortingssterrein wat hiervoor erken word, te neem. Indien verbrand word, moet nie rook inasem nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.

WEERSTANDBESTUUR

Vir weerstandbestuur is DEVAXAM™ 250 WG 'n groepkode D insektdoder. Enige populasie van 'n spesifieke insek mag individue insluit wat 'n natuurlike weerstand teen DEVAXAM™ 250 WG, of enige ander groepkode D insektdoder, het. Indien hierdie insektdoders in herhaaldelike en eksklusiewe programme aangewend word, kan die weerstandbiedende individue uiteindelik die insek populasie oorneers. Hierdie weerstandbiedende insekte sal waarskynlik nie deur DEVAXAM™ 250 WG of enige ander groepkode D insektdoder, beheer word nie. Om weerstand teen insektdoders te vertraag:

- Vermy die herhaaldelike en eksklusiewe gebruik van insektdoders in dieselfde insektdoder groepkode.
- Wissel af met, of gebruik in tenkmengsels saam met produkte van verskillende insektdoder groepcodes.
- Integreer ander beheermaatreëls (chemies, verbouing, biologies) in insektdoder programme.

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

GEBRUIKSBEPERKINGS

Dra sorg dat die pH van die grond waarop DEVAXAM™ 250 WG as 'n gronddeurdrinking toegedien gaan word, laer as 8.5 is.

ROSE:

- DEVAXAM™ 250 WG - blaarbespuitings moet nie meer as twee keer per seisoen toegedien word nie. Wissel DEVAXAM™ 250 WG - bespuitings af met plantuisdoders uit 'n ander chemiese groep vir goeie weerstandbestuur.
- DEVAXAM™ 250 WG - blaarbespuitings moet nie meer as twee keer per seisoen toegedien word nie. Wissel DEVAXAM™ 250 WG - bespuitings af met plantuisdoders uit 'n ander chemiese groep vir goeie weerstandbestuur.

APPELS:

- DEVAXAM™ 250 WG moet slegs as gronddeurdrinking toegedien word waar mikrobeproeing teenwoordig is.
- Ongeag die gebruik van DEVAXAM™ 250 WG kan daar soms 'n tak of sytak in 'n boom voorkom waar daar nie goeie roofoedlisbeheer is nie weens onvoldoende translokasie.
- DEVAXAM™ 250 WG moet nie in suurteemoen- of lemmetjieboorde gebruik word nie.
- Ongeag die gebruik van DEVAXAM™ 250 WG kan mandgodoppluis op vrugte voorkom.
- DEVAXAM™ 250 WG moet slegs by gesonde, sterk-groeiende bome toegedien word.
- DEVAXAM™ 250 WG moet slegs toegedien word waar mikro- of drubbesproeiing teenwoordig is en nie onder droëland toestande nie. Swak of oneffektiewe bespoeingsstelsels kan die optimale werking van die produk belemmer.

SITRUS:

- DEVAXAM™ 250 WG moet slegs as gronddeurdrinking toegedien word waar mikrobeproeing teenwoordig is.
- DEVAXAM™ 250 WG - toedienings af met witvliegsmiddele uit 'n ander chemiese klas vir goeie weerstandbestuur.
- Dien DEVAXAM™ 250 WG slegs toe aan bome wat nie onder stemming verkeer nie en sterk groei met goed ontwikkelde wortelstelsels.
- Gronde met 'n hoë klei-inhoud, bo 25%, kan die doeltreffendheid van DEVAXAM™ 250 WG verlaag.
- Die doeltreffendheid van DEVAXAM™ 250 WG kan beperk word deur faktore wat optimale sapvloei in die bome belemmer, bv. droogtestremming of takke wat onlangse geknak is of vroeër geknak was.

Ongeag die gebruik van DEVAXAM™ 250 WG kan daar soms 'n tak of sytak in 'n boom voorkom waar daar nie goeie roofoedlisbeheer is nie weens onvoldoende translokasie.

MANGO'S:

- Ongeag die gebruik van DEVAXAM™ 250 WG kan mandgodoppluis op vrugte voorkom.
- DEVAXAM™ 250 WG moet slegs by gesonde, sterk-groeiende bome toegedien word.
- DEVAXAM™ 250 WG moet slegs toegedien word waar mikro- of drubbesproeiing teenwoordig is en nie onder droëland toestande nie. Swak of oneffektiewe bespoeingsstelsels kan die optimale werking van die produk belemmer.

TAMATIES:

- Moet nie DEVAXAM™ 250 WG meer as tweemaal per gewassiklus in 'n gronddeurdrinking toegedien nie. Wissel DEVAXAM™ 250 WG - toedienings af met witvliegsmiddele uit 'n ander chemiese klas vir goeie weerstandbestuur.
- DEVAXAM™ 250 WG - blaarbespuitings moet nie meer as twee keer per seisoen toegedien word nie. Wissel DEVAXAM™ 250 WG - bespuitings af met plantuisdoders uit 'n ander chemiese klas vir goeie weerstandbestuur.

VERENIGBAARHEID

- Moet nie DEVAXAM™ 250 WG met enige ander chemikalie meng wanneer dit as 'n gronddeurdrinking toegedien word nie.
- Indien in tenkmengsels gebruik gaan word, doen eers 'n fisiese en chemiese verenigbaarheids toets.

MENGINSTRUKSIES

- Maak die spuitneel (blaartoediening in rose) of toediener (bv. 'n beker vir gronddeurdrinking) half vol met skoon water en voeg die verlangde hoeveelheid DEVAXAM™ 250 WG.
- Vul dan die spuitneel of toediener met skoon water tot die verlangde volume.
- Roer die mengsel deeglik terwyl toediener met water gevuul word en tydens bespuiting of gronddeurdrinking.
- Dien so gou as moontlik na mengsel aangemaak is, toe. Moet nie meer toedieningsmengsel aanmaak as wat onmiddellik nodig is nie.

TOEDIENINGSTEENIEKE

- Blaartoediening
 - Maak seker dat die toedieningsapparaat geskik is vir die bespuiting, in goeie werkende toestand en korrek gekalibreer is om 'n egalige verspreiding teen die korrekte volume oor die tekenplante te lewer.
 - Benat die hele plant tot punt van afloop. Plantie met digte loof sal hoër spuitvolumes benodig vir deeglike benatting.
 - Verkoel die gedwrygde wind van spuitneel na aanliggende areas.
 - Vermy om gedurende die warmste deel van die dag of as loof nat is, te spuit.
 - Was apparaat deeglik na gebruik.
- Deurdrinkingtoediening
 - Verwyder alle onkruiden en plantreste onder die boom of wingerdstok en maak 'n holte rondom die stam.
 - Dien reg rondom die stam toe of in die geval van mango's by die druppers (lees tabel).
 - Bespoei binne 'n dag na toediening om produk in die grond in te was.
 - Effens klam grond sal beweging van die produk in die grond in bevorder.

GEWAS / PLAG	DOSIS	GEBRUIKSINSTRUKSIES
APPELS Appelboedulis (<i>Eriosoma lanigerum</i>)	3g / boom	Dien toe gedurende die laaste twee weke van September. Meng met 1 liter water en dien toe met 'n beker om die stam van die boom. Dien toe op klam grond en volg op met bespoeing.
SITRUS Rooioedulis (<i>Aonidiella auranti</i>)	18g / boom	Dien vanaf middel Augustus tot mid del September, wanneer bome in die groen- tot witknopstadium is, toe. Die beste resultate word verkry wanneer toediening tussen 4 en 6 weke voor eerste kruiperbeweging gedoen word. Meng met 1 liter water en dien toe met 'n beker om die stam van die boom. Dien toe op klam grond en volg op met bespoeing. Doeltreffende mytbeheer moet toegepas word in gewasse wat met hierdie hemiegroep behandel word.
SIPRESSE Plantluis (<i>Cinara spp.</i>)	3g / boom = 4 weke 6g / boom = 6 weke 12g / boom = langer as 8 weke	Dien in 1 liter water per boom toe. Volg op met 'n ligte bespoeing om die produk in die grond in te was. Die effek van DEVAXAM™ 250 WG sal eers duidelik sigbaar wees tussen 7 en 14 dae na behandeling. Die verwagte lengte van beheer is afhanklik van die dosis: 3g / boom = 4 weke 6g / boom = 6 weke 12g / boom = langer as 8 weke
MANGO'S Mangodoppluis (<i>Aulacaspis tubercularis</i>) Witluis (<i>Pinnacoccus citri</i> , <i>Pseudococcus longispinus</i> , <i>Nipaecoccus viridus</i>) Mangosnuikwever (<i>Sternochetus mangiferae</i>)	6g / boom	Dien toe vanaf eerste week in Julie tot middel Augustus. Die beste resultate word verkry in boorde met drubbesproeiingstelsels waar die produk direk onder die drupper toegedien word. Indien daar twee druppers per boom is, deel die toedieningsvolume in twee en dien helfte van die volume by elke drupper toe. In boorde met mikrobeproeingstelsels moet die produk om die stam van die boom toegedien word en met bespoeing opgevolg word. Meng aangeduide hoeveelheid met 1 liter water en dien met 'n beker op die grond om die stam van die boom toe of soos aangedui waar drubbesproeiing in boord is. Dien toe op vogtige grond en volg op met bespoeing. Die effektiwiteit van DEVAXAM™ 250 WG is onderhewig aan goeie translokasie van die produk in die plant. Enige faktore wat translokasie strem, soos ou herbewerkte bome of bome onder enige vorm van stremming, sal die doeltreffendheid van DEVAXAM™ 250 WG verlaag.
ROSE Plantluis (<i>Myzus persicae</i> and <i>Macrosiphum rosae</i>)	10g / 100 L water 0.4g / plant	Blaartoediening 1 tot 2 toedienings. Lees "GEBRUIKSBEPERKINGS". Slegs huistuin Gronddeurdrinking Dien toe om die stambasis in 250 ml water per roosplant. DEVAXAM™ 250 WG is mees effektief wanneer op klam grond toegedien word.
TAMATIES Witvlieg (<i>Trialeurodes vaporariorum</i>)	0.03g / plant	Dien toe tydens uitplant of kort daarna as 'n gronddeurdrinking in 50 ml water per plant. Bespoei binne 24 uur na toediening. In die geval van hoë witvliegdruk, herhaal toediening 28 dae later. Dien dan rondom die basis van die plantstam in 50 ml water per plant toe en bespoei binne 24 uur.
BAANGRAS Miswurm (<i>Aphodius pseudolividus</i>) Molkriek (<i>Gryllotalpa africana</i>)	1124 g / ha	Miswurm Slegs die eerste en tweede groeistadium van die miswurm sal beheer word. Inspekteer die baangras gereeld tussen September en April en dien DEVAXAM™ 250 WG toe sodra die klein miswurms teenwoordig is. Dien in 300 tot 600 liter water per hektaar toe en bespoei liggies om die produk in te was. Molkriek Slegs die molkrieknime korter as 18 mm in lengte sal beheer word. Gedurende November/Desember, voor toediening, inspekteer area deur die molkriekie uit die grond met 'n vloeiare seepoplossing te spoel. Bepaal die grootte van die molkriekie en dien DEVAXAM™ 250 WG toe indien hulle klein genoeg is. Dien in 300 tot 400 liter water per hektaar toe en bespoei liggies om die produk in te was.



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