

WARNINGS

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

Apples and pears	14 days
Beans	14 days
Citrus	90 days
Groundnut (fodder)	21 days
Grapes	28 days
Maize	14 days
Maize (fodder)	No feeding
Potatoes	14 days
Soybeans	18 days
Tomatoes	7 days

Export crops: The local MRLs will not be exceeded if **DIVINO® 250 EC** is used according to the label instructions. However, ADAMA South Africa (Pty.) Ltd. cannot be held responsible if exports MRLs are exceeded. The local export marketing bodies must be consulted regarding application timing, withholding periods and specific tolerances of countries where produce will be exported to.

- Handle with care.
- Harmful if swallowed (may cause lung damage), inhaled or absorbed through the skin.
- Irritating to eyes and can cause extensive damage to eyes.
- Irritating to respiratory system and skin.
- Very toxic to aquatic organisms including fish.
- Keep and store away from heat, sparks and open flames.
- Store in a cool, dry place away from food, feedstuffs, seed, and fertilizers.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry:** Do not enter treated area until spray deposit has dried.
- **Aerial application:** Notify all inhabitants in the immediate vicinity of the area to be sprayed and issue the necessary warnings. Do not spray over water or areas not under treatment or allow the spray drift to contaminate these areas.

Although this remedy has been extensively tested under a variety of conditions the registration holder does not warrant that it will be effective under all conditions. The activity and efficacy of the product 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 or animal, or for lack of performance of the remedy concerned due to the 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

- Avoid inhaling the spray mist.
- Avoid contact with skin and eyes.
- Wear a face shield, boots, and gloves when handling the undiluted product.
- Remove contaminated clothing and wash daily.
- Wash immediately with soap and cold water after accidental skin contact.
- In case of eye contact, hold eyelid open and wash out with clean running water for at least 15 minutes.
- Do not eat, drink or smoke while mixing or applying this product or before hands and face have been washed.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za).
- Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Clean the applicator thoroughly after use and dispose of wash water where it will not contaminate crops, rivers or dams.
- Avoid contamination of food, feedstuffs, drinking water and eating utensils.

RESISTANCE WARNING

For resistance management **DIVINO® 250 EC** has been classified as a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **DIVINO® 250 EC** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **DIVINO® 250 EC** or any other group code 3 fungicides. 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 other fungicide group codes, refer to applicable individual product labels.
- Integrate the control methods (chemical, cultural, biological) into fungicide control programmes.

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

USE RESTRICTIONS AND IMPORTANT INFORMATION

- Do not apply **DIVINO® 250 EC** to crops under any form of stress as uptake and effectiveness of **DIVINO® 250 EC** might be reduced.
- Do not apply **DIVINO® 250 EC** or related products continuously over long periods as this could result in resistance-build up.

- Unless specified, **DIVINO® 250 EC** should only be used in a preventative spray programme.
- **DIVINO® 250 EC** is local systemic fungicide.

DIRECTIONS FOR USE

Use only as indicated.

COMPATIBILITY

The compatibility of **DIVINO® 250 EC** with other products can be influenced by the formulation of those products and the quality of the dilution water. As formulations of products can change without the knowledge of ADAMA South Africa (Pty.) Ltd. and the quality of water can differ from farm to farm, a physical compatibility test should always be carried out prior to application.

MIXING INSTRUCTIONS

Close container soon after pouring out **DIVINO® 250 EC**. Half fill the spray tank with water. Add the required volume of **DIVINO® 250 EC** to a small amount of water and mix thoroughly before it is added to the spray tank while agitating. When tank mixing **DIVINO® 250 EC** with other products such as **MERPAN® 50 SC** or Mancozeb® 800 WP, these products should first be mixed or creamed with a little water and added to the spray tank first. Add water to the tank just below the required capacity and add the pre-mixed **DIVINO® 250 EC** while agitating continuously. Fill the tank with water. Do not allow tank mixture to settle. Refer to the labels of the products which will be tank mixed with **DIVINO® 250 EC** and adhere to the label instructions.

APPLICATION

Ground application

DIVINO® 250 EC can be applied by any conventional high volume sprayer in good working order, which has been correctly calibrated, and fitted with an efficient agitation system. The boom must be fitted with hollow cone nozzles which are able to deliver medium to fine droplets. The applicator must be calibrated correctly to deliver an even distribution of the spray-mixture over the target area. Use spray volumes of 300-500 L/ha.

Aerial application

Aerial application of **DIVINO® 250 EC** may only be done by a registered Aerial Application

Operator using a correctly calibrated, registered aircraft according to the instructions of SANS 10118 (The aerial application of pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- Volume: A spray mixture volume of 30 l/ha is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended above.
- Droplet coverage: 25–35 droplets/cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 280–300 micron is recommended.
Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3–4 m above the target. Do not spray when aircraft is diving, climbing or when banking.

- Use suitable atomizing equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomizers within the inner 60–75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8 °C.
- Stop spraying if the wind speed exceeds 15 km/h.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the Aerial Spray Operator knows exactly which fields to spray.
- Obtain an assurance from the Aerial Spray Operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

APPLICATION RATES

CROP AND TARGET	DOSAGE RATE	REMARKS
Apples and Pears Scab <i>(Venturia inaequalis)</i> <i>(Venturia pirina)</i>	Starting from green tip and throughout pre-blossom stage 6 ml of DIVINO® 250 EC + 100 ml of MERPAN® 50 SC or 70 g of mancozeb 800 g/kg WP per 100 L water During post-blossom stage 6 ml of DIVINO® 250 EC + 100 ml of MERPAN® 50 SC or 70 g of mancozeb 800 g/kg WP per 100 L water	Apply as full cover spray to point of run-off. Repeat sprays <u>every 7 days</u> . Apply as full cover spray to point of run-off. Repeat sprays <u>every 10-14 days</u> .
Apples and Pears Use DIVINO® 250 EC in a preventative spray programme. Apply DIVINO® 250 EC during periods and in areas which favour disease development. It is recommended to change to <u>contact</u> protective spray programme during December. MERPAN® 50 SC or mancozeb may be replaced with other registered broad spectrum fungicides.		

In cases where a contact protective spray programme is used, apply **DIVINO® 250 EC** curatively at 10 ml **DIVINO® 250 EC** + 100 ml **MERPAN® 50 SC** or 70 g of **mancozeb 800 g/kg WP** per 100 litres water, within four days of start of an infection period.

It is recommended to only use curative sprays where reliable and adequate disease prediction systems are followed.

High volume

The water volume required per hectare when trees are in full leaf is determined by using the Tree Row Volume (TRV) formula given below:

$$L/ha = \frac{\text{Tree height} \times \text{Tree diameter} \times 937}{\text{Row width}}$$

This water volume is then used to determine the quantity of **DIVINO® 250 EC** to be used per hectare. Depending on growth stage of the tree, the following water volumes are recommended:

Growth stage	Water volume/ha
Starting from green tip to around 30 % blossom.....	60 % of high volume
From around full blossom to around mid-November.....	80 % of high volume
From around beginning of December.....	100 % of high volume

Low Volume (4X)

Apply the recommended dosage rate of **DIVINO® 250 EC** per hectare in cases where a low volume spray is used.

CROP AND TARGET	DOSAGE RATE	REMARKS
Beans Brown rust <i>(Uromyces appendiculatus)</i>	Ground application Option 1 250 ml/ha at 10–14 days interval OR Option 2 (for dry beans) 325 ml/ha at 18–21 days interval Aerial application (for dry beans) 300 ml/ha at 10–14 days interval	Start spraying at first signs of the disease or at the beginning of flowering or earlier on very susceptible cultivars. DIVINO® 250 EC should be applied in a preventative programme. Apply DIVINO® 250 EC to actively growing plants and continue with the sprays until plants start senescing. Add a wetting agent such as MCW EOS® oil.

CROP AND TARGET	DOSAGE RATE	REMARKS
<p>Citrus (Navels, Mandarin and Clementine)</p> <p>Navel-end-rot/Black-core-rot (<i>Alternaria citri</i>)</p> <p>Mandarin brown rot (<i>Alternaria alternata</i>)</p>	<p>40-60 ml/100 L water</p> <p>40-60 ml of DIVINO® 250 EC + 160 g of mancozeb 800 g/kg WP per 100 L water</p>	<p>Apply two <u>medium cover sprays</u> of DIVINO® 250 EC in spray volumes of \pm 20 L/tree (depending on size of tree). Commence spraying at 50 % petal fall and repeat spray at 100 % petal fall.</p> <p>On orchards with a history of <i>Alternaria</i>, it is recommended to apply the higher rate of DIVINO® 250 EC.</p> <p>When using DIVINO® 250 EC on citrus observe the following:</p> <ul style="list-style-type: none"> * Limit applications to 3 L/ha. * No additional sprays after 100 % petal drop. * For season long control of brown spot (<i>Alternaria alternata</i>), two applications are required.
<p>Groundnuts</p> <p>Early leaf spot (<i>Cercospora arachidicola</i>)</p> <p>Late leaf spot (<i>Cercospora personatum</i>)</p> <p>Web blotch (<i>Phoma arachidicola</i>)</p> <p>Rust (<i>Puccinia arachidis</i>)</p>	<p>Option 1: ground application every 10-14 days</p> <p>First application at 300 ml/ha, and following applications at 200 ml/ha every 10-14 days</p> <p style="text-align: center;">OR</p> <p>Option 2: ground application every 18-21 days</p> <p>325 ml/ha</p> <hr/> <p>Option 1: irrigation application every 10-14 days</p> <p>300 ml/ha</p> <p style="text-align: center;">OR</p> <p>Option 2: irrigation application every 18-21 days</p> <p>400 ml/ha</p>	<p>Start spraying DIVINO® 250 EC at first signs of the disease. Add a wetting agent such as MCW EOS® oil. Spray programme should continue until plants start senescing.</p> <p>Use DIVINO® 250 EC in a preventative spray programme. Start spraying at the beginning of flowering (ten to twelve weeks after planting). Sprays can be applied earlier should the disease start to develop. Spray programme should continue until plants start senescing.</p>

CROP AND TARGET	DOSAGE RATE	REMARKS
Groundnuts <i>continue</i>	Aerial application 350 ml/ha every 10-14 days on <u>irrigated</u> crop AND 350 ml/ha every 14-21 days on <u>dry land</u> crop	Aerial application should be used as an emergence measure. It is only recommended where conditions do not favour ground application. Spray programme should continue until plants start senescing.
Maize and Sweet corn Grey leaf spot <i>(Cercospora zeae-maydis)</i> Northern leaf blight <i>(Helminthosporium turcicum)</i>	Option 1: DIVINO® 250 EC ground and aerial application 300 ml/ha OR Option 2: MIRADOR® 250 SC (single spray) followed by DIVINO® 250 EC (single spray) MIRADOR® 250 SC: 300 ml/ha DIVINO® 250 EC: 300 ml/ha OR Option 3: MIRADOR® 250 SC (two sprays) followed by DIVINO® 250 EC (single spray) MIRADOR® 250 SC: 300 ml/ha DIVINO® 250 EC: 300 ml/ha Ground and aerial application 300 ml/ha	Start applications when the disease appears on the bottom but before appearance of symptoms on the three leaves just below the cob and before symptoms are more than 2 % of the leaf area. If necessary, repeat sprays 14-21 days later. With medium or long growing cultivars where the first application was done with MIRADOR® 250 SC within three weeks of pollination, a follow-up application with DIVINO® 250 EC should be done 4–5 weeks later. The above mentioned rate of MIRADOR® 250 SC will also control rust (<i>Puccinia sorghi</i>) if present. Where initial application was applied at a very early stage, a third application might be necessary. In such cases the first two applications are made with MIRADOR® 250 SC at intervals of 4–5 weeks with the DIVINO® 250 EC application being made 4–5 weeks after the second application. The above mentioned rates of MIRADOR® 250 SC will also control rust (<i>Puccinia sorghi</i>) if present. Start applications at first signs of the disease before the disease covers more than 2 % of the leaf area. If necessary, repeat sprays every 14-21 days.
Potatoes Early blight <i>(Alternaria solani)</i>	Ground application 175 ml/ha every <u>seven</u> days OR 250 ml/ha every <u>ten</u> days OR 350 ml/ha every <u>fourteen</u> days	Start applications at the beginning of flowering. Sprays can be applied earlier, should the disease start to develop. Add a wetting agent such as MCW EOS® oil. Spray programme should continue until plants start senescing or at the end of petal fall.

CROP AND TARGET	DOSAGE RATE	REMARKS
<p>Potatoes <i>continue</i></p>	<p>Aerial application 175 ml/ha every <u>seven</u> days OR 250 ml/ha every <u>ten</u> days OR 350 ml/ha every <u>fourteen</u> days</p>	
<p>Tomatoes Early blight (<i>Alternaria solani</i>)</p>	<p>Low volume application (mist blowers) 350 ml/ha High volume application 35 ml/100 L water (500 - 2000 L spray mixture per hectare)</p>	<p>Start sprays during flowering period (\pm 8 weeks after trans-planting) and continue up to picking stage (16-20 weeks after transplanting). Sprays can be applied earlier if disease starts to develop. Apply a maximum of 8 sprays per season. A recommended broad-spectrum fungicide should be applied before the flowering stage and after the DIVINO[®] 250 EC sprays. DIVINO[®] 250 EC <u>does not</u> control late blight (<i>Phytophthora infestans</i>).</p> <p><u>In areas with low early blight pressure and no other disease problems; apply DIVINO[®] 250 EC every 14 days.</u></p> <p><u>In areas with moderate and high early blight pressure and other disease problems; alternate between DIVINO[®] 250 EC and a broad-spectrum fungicide such as chlorothalonil, copper or mancozeb every 7 days.</u></p> <p>Obtain thorough coverage of the whole plant when applying the spray mixture(s).</p>
<p>Soybeans Soybean rust (<i>Phakopsora pachyrhizi</i>)</p>	<p>325 ml/ha</p>	<p>Start sprays at first signs of the disease. Repeat applications 14-21 days later. One application is enough if the disease occurs late in the growing season. More than one application may be required if the disease occurs during flowering or during early pod-filling period. Shorter spray intervals should be used under conditions which favour disease development (that is high humidity and temperatures from 15 - 28 °C). Obtain thorough coverage of the whole plant when applying the spray mixture.</p>

CROP AND TARGET	DOSAGE RATE	REMARKS
<p>Table and Wine grapes</p> <p>Powdery mildew (<i>Oidium tuckerii</i>)</p>	<p>12 ml/100 L water</p> <p>Spray volume from 500 - 1000 L/ha depending on growth stage.</p>	<p>Start sprays when the shoots are 10-25 cm long. Repeat applications every 14 days. Apply as full cover spray to run-off point. A <u>maximum of 4 sprays</u> is allowed per season, with the last spray being applied no later than bunch closure.</p> <p>During spraying, obtain thorough coverage of the whole plant.</p> <p><u>Do not go beyond the stipulated spray interval.</u></p> <p>During the season, <u>two to three supplementary</u> sprays of sulphur are recommended in the DIVINO® 250 EC application programme.</p>

MERPAN®50 SC (Reg No. L 5511) is the registered product of ADAMA South Africa (Pty) Ltd.

MCW EOS (Reg No. L 7954) is the registered product of ADAMA South Africa (Pty) Ltd.

WAARSKUWINGS

Onthoudingsperiodes (Minimum aantal dae tussen laaste toediening en oes of weiding):

Aartappels	14 dae
Appels en pere	14 dae
Boontjies	14 dae
Druive	28 dae
Grondbone (voer)	21 dae
Mielies	14 dae
Mielies (voer)	Geen voer
Sitrus	90 dae
Sojabone	18 dae
Tamaties	7 dae

Uitvoergewasse: Die plaaslike MRLs sal nie oorskry word indien **DIVINO® 250 EC** volgens die etiketaanbevelings gebruik word nie. ADAMA Suid-Afrika (Pty.) Ltd. kan egter nie verantwoordelik gehou word nie indien uitvoer MRLs oorskry sou word. Skakel met die plaaslike uitvoerorganisasies rakende tyd van toediening, onthoudingsperiodes en spesifieke toleransievereistes van lande waarheen produkte na uitgevoer gaan word.

- Hanteer versigtig.
- Skadelik indien ingesluk (kan longskade veroorsaak), ingeasem of deur vel ge-absorbeer word.
- Irriterend vir oë en kan ernstige oogskade veroorsaak.
- Irriterend vir asemhalingstelsel en vel.
- Uiters giftig vir waterorganismes insluitend visse
- Moet nie naby hitte, vonke of onbedekte vlamme stoor of gebruik nie.
- Berg in 'n koel, droë plek weg van voedsel, voer, saad en misstowwe.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding:** Moet nie die behandelde gebied betree voor die spuitstof droog is nie.
- **Lugtoediening:** Stel alle inwoners in die onmiddellike omgewing wat bespuit gaan word in kennis en reik die nodige waarskuwings uit. Moet nie toelaat dat die spuitnewel oor water dryf of daarvoor spuit of dat dit aanliggende gebied besoedel nie.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beïnvloed word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie en die voorkoms van weerstand van die siekte teen die betrokke middel sowel as die tyd, metodes en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van versuim van die gebruiker om

etiketaanwysings na te kom, of as gevolg van die ontstaan van toestande wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREËLS

- Vermy inaseming van die sproeinewel.
- Vermy kontak met vel of oë.
- Dra gesigskerm, skoene en handskoene wanneer konsentraat hanteer word.
- Trek besoedelde klere uit en was daaglik.
- Indien per ongeluk met vel in aanraking kom, was dadelik met koue water en seep.
- In geval van oogkontak, hou ooglid oop en spoel uit met skoon lopende water vir ten minste 15 minute.
- Moet nie eet, drink of rook terwyl vermeng of toegedien word of voor hande en gesig gewas is nie.
- Verhoed dat die spuitnewel wegdryf oor ander gewasse, weiding, riviere, damme en gebiede wat nie behandel moet word nie.
- Keer die leë houer oor die spuit-of mengtenk om en dreineer vir minstens 30 sekondes nadat die vloeitot 'n drup verminder het. Spoel daarna die leë houer drie keer na mekaar met een kwart van die houervolume vars water en giet die spoelwater in die spuittenk of mengtenk oor. Kap gate in die drie-keer gespoelde houer waarna dit aan 'n goedgekeurde versamelaar of verwerker oorhandig moet word (www.croplife.co.za).
- Moet nie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie.
- Maak spuitapparaat deeglik skoon na gebruik en gooi waswater weg waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Verhoed besoedeling van voedsel, voer, drinkwater en eetgerei.

WEERSTANDSWAARSKUWING

Vir weerstandsbestuur is **DIVINO® 250 EC** as 'n groepkode 3 swamdoder geklassifiseer. Enige swampopulasie mag individue bevat wat 'n natuurlike weerstand teen **DIVINO® 250 EC** en ander groepkode 3 swamdoders het. Die weerstandbiedende individue kan uiteindelik die swampopulasie oorheers as hierdie swamdoders herhaaldelik gebruik word. Hierdie weerstandbiedende swamme mag dalk nie deur **DIVINO® 250 EC** of ander groepkode 3 swamdoders beheer word nie. Om weerstand te vertraag:

- Vermy die uitsluitlike herhaalde gebruik van swamdoders van dieselfde swamdodergroepkode. Wissel af, of gebruik in tenkmengsels met middels van ander swamdodergroepcodes.
- Indien van tenkmengsels gebruik gemaak word of met ander produkte afgewissel word moet na die etikette van die ander individuele produkte verwys word.
- Integreer beheermetodes (chemiese, verbouing, biologies) in swamdoder beheerprogramme.

Vir spesifieke inligting rakende weerstandsbestuur, skakel die registrasiehouer van hierdie produk.

GEBRUIKSBEPERKINGS EN BELANGRIKE INLIGTING

- Moet nie **DIVINO® 250 EC** aan gewasse wat onder spanning verkeer toedien nie aangesien dit die opname en die effektiwiteit van **DIVINO® 250 EC** kan verminder.

- Moet nie **DIVINO® 250 EC** of verwante produkte alleenlik oor lang periodes toedien nie aangesien dit kan lei tot die opbou van weerstandbiedendheid.
- Tensy anders aangedui behoort **DIVINO® 250 EC** altyd gebruik te word in 'n voorkomende spuitprogram.
- **DIVINO® 250 EC** is 'n lokaal sistemiese swamdoder.

GEBRUIKSAANWYSINGS

Gebruik alleenlik soos voorgeskryf.

VERENIGBAARHEID

Die verenigbaarheid van **DIVINO® 250 EC** met ander produkte kan beïnvloed word deur die formulاسie van sulke produkte asook die kwaliteit van die verdunningswater. Aangesien die formulاسie van produkte kan verander sonder die medewete van ADAMA South Africa (Pty.) Ltd. en die kwaliteit van verdunningswater van plaas tot plaas kan verskil, moet 'n fisiese verenigbaarheidstoets voor toediening eers uitgevoer word.

MENGINSTRUKSIES

Maak die houer dadelik toe nadat **DIVINO® 250 EC** uitgemeet is. Vul die spuittenk halfvol met water. Voeg die benodigde hoeveelheid **DIVINO® 250 EC** by 'n klein hoeveelheid water, meng deeglik en gooi in die tenk terwyl geroer word. Wanneer tenkmengsels met **MERPAN® 50 SC** of Mankoseb 800 WP gemaak word, moet hierdie produkte eers gemeng of verroom word met 'n klein hoeveelheid water en eerste in die spuittenk gevoeg word. Voeg nou water by tot net onder die verlangde kapasiteit en voeg nou die vooraf gemengde **DIVINO® 250 EC** by terwyl voortdurend geroer word. Vul nou die spuittenk met water. Moet nie die tenkmengsel toelaat om uit te sak nie. Verwys na die etikette van die produkte wat met **DIVINO® 250 EC** gemeng gaan word en kom die etiketvoorskrifte na.

TOEDIENING

Grondtoediening

DIVINO® 250 EC kan met enige geskikte hoë volume spuitapparaat toegedien word, mits dit in 'n goeie werkende toestand is, korrek gekalibreer is en 'n doeltreffende roermeganisme beskik. Die spuitbalk moet met holkeelspuitpunte toegerus wees om medium tot fyn druppels te lewer. Die spuitapparaat moet korrek gekalibreer wees om 'n eweredige verspreiding van die spuitmengsel oor die teikengebied te lewer. Gebruik spuitvolumes van 300-500 L/ha.

Lugtoediening

Lugtoediening van **DIVINO® 250 EC** mag alleenlik deur 'n geregistreerde Lugbespuitingsoperateur met 'n korrek gekalibreerde geregistreerde vliegtuig volgens die instruksies van SANS 10118 (The arial application of pesticides), toegedien word. Verseker dat die spuitmengsel eweredig oor die teikengebied versprei word en dat die verlies aan spuitmengsel tot die minimum beperk word. Die volgende vereistes moet nagekom word:

- Volume: 'n Spuitmengsel volume van 30 L/ha word aanbeveel. Hierdie produk is nie teen 'n verlaagde volume getoets nie. Die registrasiehouer kan nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effekte indien hierdie produk teen 'n laer volume, as hierbo aanbeveel, toegedien word nie.
- Druppelbedekking: 25–35 druppels /cm² moet op die teikenarea herwin word.
- Druppelgrootte: 'n Druppelspektrum met 'n VMD van 280–300 mikron word aanbeveel. Beperk die produksie van druppels kleiner as 150 mikron (hoë drywing en verdampingspotensiaal) tot 'n minimum.

- Vlieghoogte: Handhaaf 'n hoogte van die spuitbalk bo die teiken op 3–4 m. Moet nie spuit wanneer die vliegtuig duik, klim of draai nie.
- Gebruik geskikte atomiseringsapparaat wat die vereiste druppelgrootte en bedekking sal produseer, maar die minste verlies van produk verseker. Die spuitstelsel moet 'n druppelspektrum met die kleinste moontlike Relatiewe Span produseer.
- Plaas al die atomiseerders in die binneste 60–75 % van die vlerkspan om te verhoed dat druppels binne-in die vlerkpuntvorteks beweeg.
- Die verskil in temperatuur tussen die nat- en droëboltermometer van 'n swaaihigrometer, moet nie 8 °C oorskry nie.
- Stop bespuiting indien die windspoed 15 km/h oorskry.
- Stop bespuiting tydens turbulente, onstabiele en droë toestande gedurende die hitte van die dag.
- Bespuiting onder temperatuur inversie toestande (deur bo of binne die inversielaag te spuit) en/of hoë lugvog toestande (relatiewe humiditeit 80 % en meer) mag tot volgende probleme aanleiding gee:
 - a) verlaagde doeltreffendheid aangesien die druppels as 'n wolk in die lug bly hang en moontlik verdamp (onvoldoende bedekking op teiken).
 - b) skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.
- Verseker dat die Lugbespuitingsoperateur presies weet watter lande bespuit moet word.
- Dit is noodsaaklik om 'n versekering van die Lugbespuitingsoperateur te verkry dat aan al die bogenoemde vereistes voldoen sal word en dat data van belang in 'n logboek saamgevat is vir toekomstige verwysing.

TOEDIENINGSHOEVEELHEDE

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
Appels en pere Skurfsiekte <i>(Venturia inaequalis)</i> <i>(Venturia pirina)</i>	Begin groenpuntstadium tot en met voorblomstadium 6 ml DIVINO® 250 EC + 100 ml MERPAN® 50 SC of 70 g mankoseb 800 g/kg WP per 100 L water Tydens nablomstadium 6 ml DIVINO® 250 EC + 100 ml MERPAN® 50 SC of 70 g mankoseb 800 g/kg WP per 100 L water	Dien toe as 'n volle dektoediening tot op punt van afloop. Herhaal toediening <u>elke 7 dae</u> . Dien toe as 'n volle dektoediening tot op punt van afloop. Herhaal toediening <u>elke 10 – 14 dae</u> .
Appels en Pere Gebruik DIVINO® 250 EC in 'n voorkomende spuitprogram. Dien DIVINO® 250 EC gedurende tye en in gebiede wat bevordelik is vir die ontwikkeling van die siekte. Dit word aanbeveel dat daar gedurende Desember oorgeskakel word na 'n <u>kontak</u> beskermende spuitprogram. MERPAN® 50 SC of mankoseb mag vervang word met ander geregistreerde breëspektrum swamdoders. Waar kontak voorkomende spuitprogramme gebruik word, dien DIVINO® 250 EC korrekatief toe teen 10 ml DIVINO® 250 EC + 100 ml MERPAN® 50 SC of 70 g mankoseb 800 g/kg WP per 100 L water, <u>binne vier dae</u> na die aanvang van 'n infeksieperiode.		

Dit word aanbeveel dat korrektiewe bespuitings alleenlik toegedien word waar betroubare en voldoende voorspellingsstelsime gevolg word.

Hoë volume

Die water volume benodig per hektaar wanneer die bome in vol loof is word bepaal deur die Boom-Ry- Volume (BRV) formule soos hieronder aangedui:

$$L/ha = \frac{\text{Boomhoogte} \times \text{Boomdeursnee} \times 937}{\text{Rywydte}}$$

Hierdie water volume word dan gebruik om die hoeveelheid **DIVINO® 250 EC** te bepaal wat per hektaar benodig word. Afhangende van die groeistadium van die boom word die volgende water volumes aanbeveel:

Groeistadium	Water volume/ha
Begin groenpuntstadium tot ongeveer 30% blomstadium.....	60 % van hoë volume
Vanaf ongeveer volblom tot ongeveer middel November.....	80 % van hoë volume
Van ongeveer begin Desember	100 % van hoë volume

Lae Volume (4X)

Dien die aanbeveelde dosis **DIVINO® 250 EC** per hektaar toe in gevalle waar lae volume toedienings gebruik word.

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
<p>Aartappels Vroeëroes (<i>Alternaria solani</i>)</p>	<p>Grondtoediening 175 ml/ha elke <u>sewe</u> dae OF 250 ml/ha elke <u>tien</u> dae OF 350 ml/ha elke <u>veertien</u> dae</p> <p>Lugtoediening 175 ml/ha elke <u>sewe</u> daes OF 250 ml/ha elke <u>tien</u> dae OF 350 ml/ha elke <u>veertien</u> dae</p>	<p>Dien toe wanneer plante begin blom. Toediening kan ook vroeër geskied indien die siekte sou begin om te ontwikkel. Hou vol met spuitprogram totdat veroudering van die plante begin intree of tot die einde van blomblaarval. Voeg 'n benatter soos MCW EOS olie by.</p>
<p>Boontjies Bruinroes (<i>Uromyces appendiculatus</i>)</p>	<p>Grondtoediening Opsie 1 250 ml/ha elke 10–14 dae OF Opsie 2 (vir droëbone) 325 ml/ha elke 18–21 dae</p> <p>Lugtoediening (vir droëbone) 300 ml/ha elke 10–14 dae</p>	<p>Begin toediening sodra die siekte opgemerk word of by die begin van blom of vroeër by hoogs vatbare kultivars. DIVINO® 250 EC behoort in 'n voorkomende program toegedien word. Dien DIVINO® 250 EC toe op aktief groeiende plante en herhaal die toedienings totdat die plante begin om te verouder. Voeg 'n benatter soos MCW EOS olie by.</p>

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
Grondbone Vroeëblaarvlek <i>(Cercospora arachidicola)</i> Laatblaarvlek <i>(Cercospora personatum)</i> Spatselvlak <i>(Phoma arachidicola)</i> Bruinroes <i>(Puccinia arachidis)</i>	Opsie 1: grondtoediening elke 10-14 dae Eerste toediening teen 300 ml/ha, en verdere toedienings teen 200 ml/ha elke 10-14 dae. OF OPSIE 2: grondtoediening elke 18-21 dae 325 ml/ha	Dien DIVINO® 250 EC toe sodra die siekte waargeneem word. Hou vol met spuitprogram totdat veroudering van die plante begin intree. Voeg 'n benatter soos MCW EOS olie by.
	Opsie 1: besproeiingtoediening elke 10-14 dae 300 ml/ha OF Opsie 2: besproeiingtoediening elke 18-21 dae 400 ml/ha	Gebruik DIVINO® 250 EC in 'n voorkomende spuitprogram. Toediening moet in aanvang neem by die begin van blom (tien tot twaalf weke na plant). Bespuitings kan vroeër toegedien word indien die siekte sou begin om te ontwikkel. Hou vol met spuitprogram totdat veroudering van die plante begin intree.
	Lugtoediening 350 ml/ha elke 10 - 14 dae op <u>besproeide</u> gewas EN 350 ml/ha elke 14 - 21 dae op <u>droëlandgewas</u> .	Lugtoediening behoort alleenlik as 'n noodmaatreël gebruik te word. Dit word alleenlik aanbeveel waar toestande ongunstig is vir grondtoediening. Hou vol met spuitprogram totdat veroudering van die plante begin intree.

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
Mielies en suikermielies Grysblaarvlek <i>(Cercospora zeae-maydis)</i>	Opsie 1: DIVINO® 250 EC grond- en lugtoediening 300 ml/ha OF	Dien toe sodra die siekte op die onderste blare verskyn maar voordat die simptome op die drie blare net onder die koppe verskyn en voordat die simptome meer as 2 % van blaaroppervlakte beslaan. Indien nodig moet die bespuitings 14-21 dae later herhaal word.
	Opsie 2: Enkele MIRADOR® 250 SC bespuiting gevolg deur 'n enkele DIVINO® 250 EC bespuiting MIRADOR® 250 SC: 300 ml/ha DIVINO® 250 EC: 300 ml/ha OF	In die geval van medium tot lang seisoen basters, waar die eerste bespuiting met MIRADOR® 250 SC gedoen is binne 3 weke vanaf bestuiwing, moet 'n opvolgbespuiting binne 4-5 weke later met DIVINO® 250 EC gedoen word. Bogenoemde MIRADOR® 250 SC dosis sal ook roes (<i>Puccinia sorghi</i>) beheer indien teenwoordig.
	Opsie 3: Twee MIRADOR® 250 SC bespuitings gevolg deur 'n enkele toediening met DIVINO® 250 EC MIRADOR® 250 SC: 300 ml/ha DIVINO® 250 EC: 300 ml/ha	Waar die aanvanklike bespuiting met MIRADOR® 250 SC in 'n baie vroeë stadium gedoen word, mag 'n derde bespuiting nodig wees. In sulke gevalle word die eerste twee bespuitings met MIRADOR® 250 SC gemaak, 4-5 weke uitmekaar en daarna opgevolg met DIVINO® 250 EC 4-5 weke na die tweede MIRADOR® 250 SC bespuiting. Bogenoemde MIRADOR® 250 SC dosisse sal ook roes (<i>Puccinia sorghi</i>) beheer indien teenwoordig.
Noordelike blaarskroei <i>(Helminthosporium turcicum)</i>	Grond en lugtoediening 300 ml/ha	Dien toe sodra die siekte opgemerk word en voordat die simptome meer as 2 % van blaaroppervlakte beslaan. Indien nodig moet die bespuitings 14-21 dae later herhaal word.

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
<p>Sitrus (Navels, mandaryn en Clementine)</p> <p>Alternaria swartkernvrot (<i>Alternaria citri</i>)</p> <p><i>Alternaria</i> bruinvlek (<i>Alternaria alternata</i>)</p>	<p>40 - 60 ml/100 L water</p> <p>40 - 60 ml van DIVINO® 250 EC + 160 g mankoseb 800 g/kg WP/100 L water</p>	<p>Dien twee mediumdektoedienings van DIVINO® 250 EC in spuitvolumes van ± 20 L/boom toe (afhange van boomgrootte). Dien toe by 50 % blomblaarval en herhaal toediening by 100 % blomblaarval.</p> <p>Gebruik die hoër dosis van DIVINO® 250 EC in boorde met 'n geskiedenis van Alternaria bruinvlek besmettings.</p> <p>Wanneer DIVINO® 250 EC op sitrus gebruik word moet die volgende nagekom word:</p> <p>*Moet nie meer as 3 L/ha toedien nie.</p> <p>*Geen verdere toedienings mag na 100 % blomblaarval gemaak word nie.</p> <p>*Vir seisoenlange beheer van Alternaria bruinvlek word 2 toedienings benodig.</p>
<p>Sojabone</p> <p>Sojaboonroes (<i>Phakopsora pachyrhizi</i>)</p>	<p>325 ml/ha</p>	<p>Dien toe sodra die eerste tekens van besmetting wargeneem word. Herhaal toedienings met tussenposes van 14-21 dae. Een toediening kan voldoende wees indien die siekte eers laat in die groeiseisoen sou voorkom. Meer as een toediening mag nodig wees indien die siekte gedurende die blomstadium of vroeë peulvulperiode voorkom. Gebruik korter spuitintervalle wanneer toestande gunstig is vir die ontwikkeling van die siekte (hoë lugvog en temperature tussen 15-28 °C). Die plante moet deeglik deur die spuitmengsel bedek word.</p>
<p>Tamaties</p> <p>Vroeëroes (<i>Alternaria solani</i>)</p>	<p>Lae volume toediening (newel-blasers)</p> <p>350 ml/ha</p> <p>Hoë volume toedienings</p> <p>35 ml/100 L water (500 -2000 L spuitmengsel/ha)</p>	<p>Begin toedienings gedurende die blomperiode (+ 8 weke na uitplant) en hou spuitprogram vol tot plukstadium (16-20 weke na uitplant). Bespuitings kan vroeër toegedien word indien die siekte sou begin ontwikkel. Dien 'n maksimum van 8 bespuitings per seisoen toe. 'n Geregistreerde breëspektrum swamdoder behoort net voor blom en na die DIVINO® 250 EC bespuitings toegedien word. DIVINO® 250 EC sal</p>

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
<p>Tamaties vervolg</p>		<p>nie laatroes (<i>Phytophthora infestans</i>) beheer nie.</p> <p><u>Dien DIVINO® 250 EC elke 14 dae toe in gebiede met 'n lae druk van vroeëroes en geen ander siekteprobleme nie.</u></p> <p><u>Wissel DIVINO® 250 EC toedienings elke 7 dae af met 'n breëspektrum swamdoder soos chlorotalonil, koper of mankoseb in gebiede met matige en hoë druk van vroeëroes en ander siekteprobleme.</u></p> <p>Verkry algehele deeglike bedekking van die plant wanneer die spuitmengsel(s) toegedien word.</p>
<p>Tafel-en wyndruiwe Poeieragtige skimmel (<i>Oidium tuckerii</i>)</p>	<p>12 ml/100 L water</p> <p>Spuitvolume van 500 – 1000 L/ha afhangende van die groeistadium.</p>	<p>Begin toedien wanneer die lote 10-25 cm lank is. Herhaal toedienings elke 14 dae. Dien toe as 'n volle dektoediening tot punt van afloop. 'n Maksimum van 4 bespuitings word per seisoen toegelaat, met die laaste bespuiting nie later nie as trostoemaak.</p> <p>Verseker dat die hele plant bedek word tydens toediening.</p> <p>Moet nie die aangeduide spuitinterval verleng nie.</p> <p>Gedurende die seisoen inkorporeer twee tot drie aanvullende bespuitings van swael in die DIVINO® 250 EC toedienings-program.</p>

MERPAN® 50 SC (Reg No. L 5511) is die geregistreerde produk van ADAMA Suid-Afrika (Pty)Ltd.

MCW EOS (Reg No. L 7954) is die geregistreerde produk van ADAMA Suid-Afrika (Pty)Ltd.