

## WARNINGS

Allow the following number of days between last treatment and the harvest or use as food or feed:

CROP	Withholding period (days)
Potatoes	14 days
Wine grapes	21 days
Table grapes	56 days

- Harmful when swallowed, inhaled or absorbed through the skin.
- Harmful to fish.
- Store in a cool, dry place.
- Store away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry** – Do not enter treated area until spray deposit has dried unless wearing protective clothing.
- **MANIFESTO 500 SC** has been tested on the most important commercial cultivars without any phytotoxic effects. More susceptible cultivars may be released in future which need to be tested if this is to apply to them. Apply **MANIFESTO 500 SC** to a limited test area before commercial applications are made.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions because the action 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 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, the environment, or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

## PRECAUTIONS

- Do not inhale fumes or spray mist.
- When mixing the product, avoid skin and eye contact by wearing protective clothing.
- Wash with soap and water after use and accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use. Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the contents of the spray tank before destroying the empty container by perforation and flattening.
- Do not use the empty container for any other purpose.

## RESISTANCE WARNING

For resistance management, **MANIFESTO 500 SC** is a Group Code 40 fungicide. Any fungus population may contain individuals naturally resistant to **MANIFESTO 500 SC** and other Group Code 40 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **MANIFESTO 500 SC** or any other Group Code 40 fungicide.



# MANIFESTO 500 SC

Reg. No./Nr: L 10957 Act/Wet 36 of/van 1947

A locally systemic fungicide formulated as a suspension concentrate for the control of diseases on crops as listed.

h Suspensiekonsentraat lokaal sistemiese swamdoder vir die beheer van siektes op as gewasse soos aangedui.

<b>FRAC FUNGICIDE GROUP CODE</b>	<b>40</b>	<b>FRAC SWAMDODER GROEPKODE</b>
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## ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:

Dimethomorph (cinnamic acid derivative) .....500 g/ℓ ..... Dimetormorf (kinnamieksuurderivaat)

**Manufacture Date:**  
Vervaardigingsdatum

**Batch No.:**  
Lotnommer

**NET CONTENTS/NETTO INHOUD**

**SEE ENCLOSED LEAFLET FOR FULL PARTICULARS  
SIEN INGESLOTE VOUBILJET VIR VOLLE BESONDERHEDE**

**REGISTRATION HOLDER/REGISTRASIEHOUER:**

**Farm-Ag International (Pty) Ltd.**

Reg. No/Nr: 2005/011761/07

61 Marshall Drive, Old Mill Industrial Park, Mount Edgecombe, South Africa, 4300 • Tel: 031 003 3486

UN No.: 3082



CAUTION  
VERSIGTIG



### To delay fungicide resistance:

Avoid exclusive and repeated use of fungicides from the same fungicide Group Code. Alternate or tank-mix with registered products from different fungicide Group Codes.

- A spray programme of mixtures or alternations with remedies with a different mode of action may delay the build-up of resistance.
  - Where possible, integrate other control methods (chemical, cultural, biological) into disease control programmes.
- Since the occurrence of resistance cannot be predicted, users must closely monitor treated crops. If treatment is not effective following the use of **MANIFESTO 500 SC** as recommended, a resistant strain of the fungus may be present. If a resistant strain is positively identified, consideration should be given to prompt use of a fungicide with a different mode of action for which there is no record of resistance to the relevant disease.

### USE RESTRICTIONS

- The uptake and activity of systemic compounds can be reduced when crops experience conditions of severe drought and/or nutrient stress. Do not apply **MANIFESTO 500 SC** under such conditions.
- Spray programmes with **MANIFESTO 500 SC** should commence before disease/s become established.
- To avoid tarnishing in table grapes, do not apply after berries have reached pea size (4 – 6 weeks prior to harvest).
- Do not apply **MANIFESTO 500 SC** to any crop or in a situation not mentioned in this instruction leaflet.
- **MANIFESTO 500 SC** must only be applied using accurate and safe application techniques.
- if **MANIFESTO 500 SC** is used in a tank-mix with other recommended products, consideration should be given to the restrictions of those respective products.

### DIRECTIONS FOR USE MIXING INSTRUCTIONS

Use only as directed.

Do not use brackish or dirty water. Half-fill the spray tank with suitable water, then add the required amount of **MANIFESTO 500 SC** to this while agitating. Fill the spray tank to the desired volume. In cases where tank mixtures with other products are made, follow the respective manufacturers' label recommendations. **Tank-mixes must be sprayed out immediately and not allowed to stand in the spray tank.** Ensure that spraying equipment is thoroughly flushed out at the end of the spraying operation.

### COMPATIBILITY

The compatibility of **MANIFESTO 500 SC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made.

**MANIFESTO 500 SC** is compatible with any products containing Copper sulphate (basic) in the form of a 320g/L SC formulation.

### APPLICATION METHODS

Ensure that the spray equipment is correctly calibrated and that it is checked regularly during application to ensure even and accurate distribution of the product. **MANIFESTO 500 SC** can be applied with conventional high volume spray equipment. Constant agitation throughout the spray operation is essential. Only clean water should be used.

## RECOMMENDATIONS

CROP AND DISEASE	DOSAGE RATE /HA	REMARKS
<b>Potatoes</b> Late blight <i>(Phytophthora infestans)</i>	360 mℓ/ha PLUS a suitable, registered contact fungicide such as any products containing Copper sulphate (basic) 320g/L SC at the recommended dosage rates	Start the programme with preventive sprays early in the season with at least two consecutive applications. First application should take place at around 50% emergence of the potatoes. Repeat application every 7 – 14 days depending on disease pressure, weather conditions and crop development. Use shorter spray intervals when potatoes are irrigated frequently or when conditions become favourable for the development of late blight. Apply at least once every four weeks, even under conditions of low disease pressure. For varieties susceptible to late blight, do not apply at intervals of more than 10 days. Apply during active plant growth as a high volume, full cover spray. Depending on the plant size, apply in 300 – 500ℓ water per ha. Apply in a programme and use sufficient spray mixture to obtain adequate coverage. <b>MANIFESTO 500 SC</b> will not control early blight ( <i>Alternaria solani</i> ). Read "Remarks" below.
<b>Wine and table grapes</b> Downy mildew <i>(Plasmopara viticola)</i>	36 mℓ/100 ℓ water PLUS a suitable contact fungicide such as Farmag Folpet 500 SC OR any registered products containing Copper sulphate (basic) 320g/L SC at the recommended dosage rates	Start the programme with preventive sprays early in the season (10 cm shoot length) to provide protection to young vine growth, flowers and fruit. Apply every 10 – 14 days up to the beginning of January. Apply during active plant growth as a high volume, full cover spray. Do not apply to table grapes after the pea-berry stage. Depending on the plant size, apply in 500 – 1 500 ℓ water / ha. Apply in a preventive programme and use sufficient spray mixture to obtain adequate coverage. Read "Remarks" below.

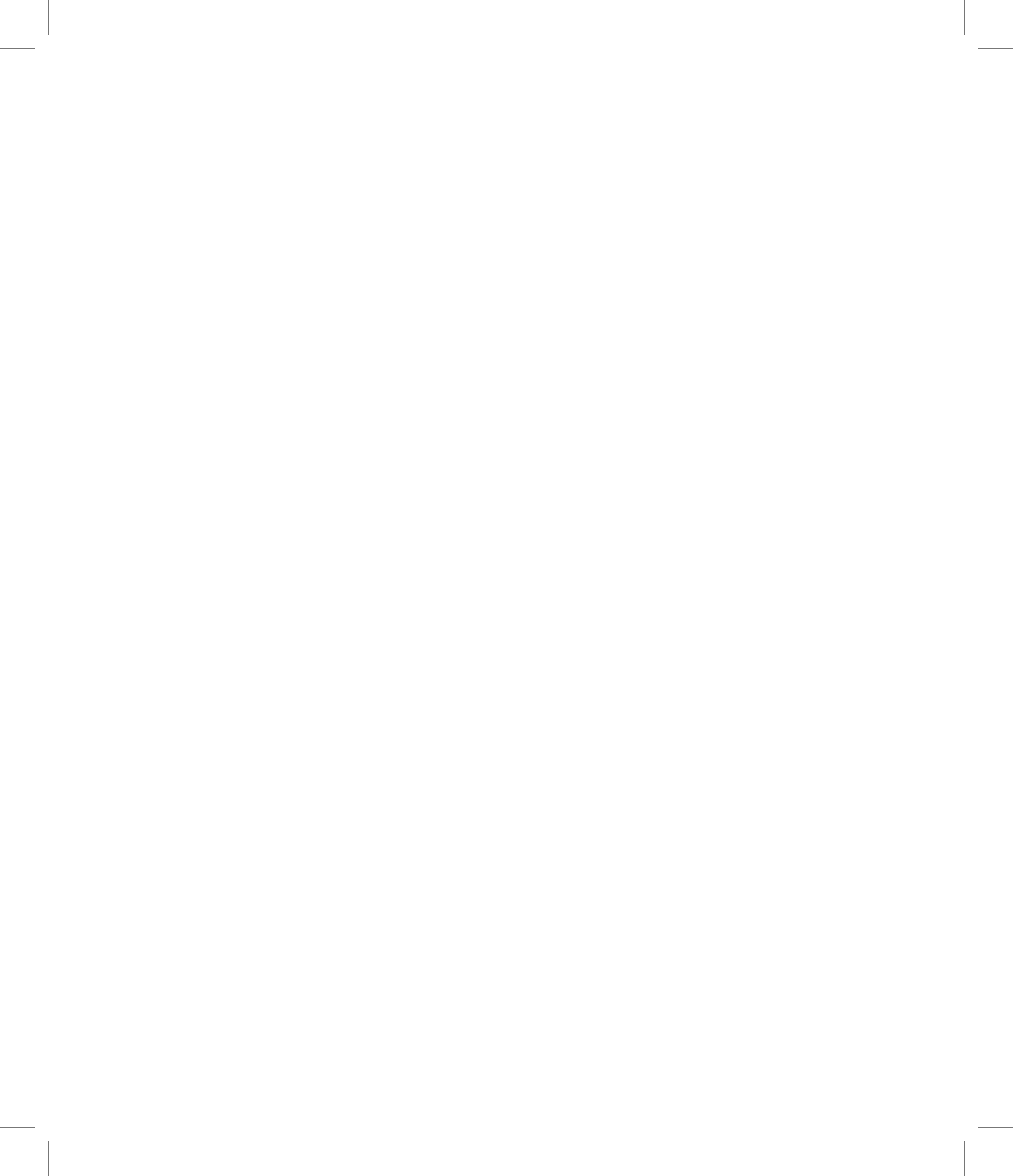
## REMARKS

**MANIFESTO 500 SC** contains dimethomorph, which is a translaminar/locally systemic fungicide and has protective properties against late blight and downy mildew. It acts by disrupting fungal cell wall formation and also possesses antisporeulant properties which combats reinfection. **MANIFESTO 500 SC** must always be used in tank mixture with a contact fungicide such as Farmag Folpet 500 SC or any registered products containing Copper sulphate (basic) 320g/L SC and must always be used preventatively. In the case of potatoes, products registered for the control of early blight must be used when this disease is present as **MANIFESTO 500 SC** will not control early blight. Products such as Curfew 250 EW or Farmag Difenoconazole 250 EC may be used. **MANIFESTO 500 SC** must not be applied to any crop suffering from stress as a result of drought, water logging, low temperature, insect attack, nutrient or lime deficiency or other factors which that reduce crop growth.

## ACKNOWLEDGEMENT OF TRADE NAMES:

CURFEW 250 EW (L 9327)  
 FARMAG FOLPET 500 SC (L 10591)  
 FARMAG DIFENOCONAZOLE 250 EC (L 9438)

Cedar Falls Properties 130 (Pty) Ltd.  
 Cedar Falls Properties 130 (Pty) Ltd.  
 Castle Ag-Chem (Pty) Ltd.



## WAARSKUWINGS

Laat die volgende aantal dae toe tussen laaste toediening en oes of gebruik vir kos of voer:

GEWAS	ONTHOUDINGS PERIODE
Aartappels	14 dae
Wyndruiwe	21 dae
Tafeldruiwe	56 dae

- Skadelik wanneer die produk ingesluk, ingeasem of deur die vel opgeneem word.
- Skadelik vir visse.
- Berg op n koel droë plek.
- Berg weg van voedsel, voer, kunsmis en ander landbouprodukte.
- Hou buite bereik van kinders, oningeligte persone en diere.
- **Herbetreding** – Moet nie behandelde gebiede betree alvorens die spuitneerslag droog is nie tensy beskermende oorklere gedra word.
- **MANIFESTO 500 SC** is getoets op die belangrikste kommersiële kultivars sonder enige nadelige effekte. Meer vatbare kultivars kan in die toekoms aangeplant word en hulle moet getoets word voordat hierdie produk toegedien gaan word. In hierdie gevalle dien **MANIFESTO 500 SC** toe op 'n beperkte toets area voordat groot kommersiële aanplantings behandel word.

Hoewel 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 patogeen teen die betrokke middel sowel as die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordlikheid 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.

## VOORSORGMATREËLS

- Moet nie damp of spuitnewel inasem nie.
- Vermoë kontak met die vel en oë deur beskermende klere te dra wanneer die produk gemeng word.
- Was met seep en koue water onmiddelik na gebruik en toevallige velkontak.
- Was besoedelde klere onmiddelik na gebruik.
- Moet nie eet, drink of rook tydens vermenging of toediening van die produk of voordat die hande en gesig gewas is nie.
- Vermoë wegdrywing van spuitnewel na ander gewasse, weivelde, riviere, damme en plekke wat nie behandel moet word nie.
- Maak toedieningsapparaat skoon na gebruik. Uitspoelwater moet nie gewasse, weivelde, riviere, damme en boorgate besoedel nie.
- Voorkom die besoedeling van voedsel, voer, drinkwater en eetgerei.
- Spoel leë houer drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.
- Moenie die leë houer vir geen ander doel gebruik nie.

## WEERSTANDSWAARSKUWING

**MANIFESTO 500 SC** is 'n groepkode 40 swamdoder. Enige populasie swamdoder mag individue insluit wat natuurlike weerstand teen **MANIFESTO 500 SC** of enige ander groepkode 40 swamdoder het. Indien hierdie swamdoders herhaaldelik aangewend word, kan die weerstandbiedende individue uiteindelik die siekte populasie oorheers. Hierdie weerstandbiedende swamme sal waarskynlik nie deur **MANIFESTO 500 SC** of enige ander groepkode 40 swamdoder beheer word nie.

### Om weerstand teen swamdoders te vertraag:

Verm y die eksklusiewe herhaaldelike gebruik van swamdoders met dieselfde groepkode. Wissel af met, of gebruik tenkmengsels van produkte in verskillende swamdodergroepkodes.

- 'n Spuitprogram met mengsels of afgewisseling, met produkte in ander metode van aktiwiteit mag die opbou van weerstand vertraag.
- Waar moontlik, integreer ander beheermaatreels (chemies, verbouing, biologies) in siekte beheer programme.

Aangesien die voorkoms van weerstand nie voorspel kan word nie, word gebruikers derhalwe gemaan om behandelde gewasse noukeurig dop te hou. Indien die behandeling nie doeltreffend is nie na bespuiting met **MANIFESTO 500 SC** soos aanbeveel, mag 'n weerstandbiedende ras teenwoordig wees. Indien 'n weerstandbiedende ras positief geïdentifiseer word, skakel dadelik oor na ander geskikte swamdoders met 'n ander werking waar geen weerstand opgemerk vir die spesifieke siekte is nie.

### GEBRUIKSBEPERKINGS

- Die opname en aktiwiteit van sistemiese middels kan verlaag word wanneer gewasse onder ernstige vogstremming en/of voedingsgebrek ly. Moenie **MANIFESTO 500 SC** onder sulke toestande toedien nie. Begin spuitprogramme met **MANIFESTO 500 SC** voordat die siekte/s posvat.
- Vir tafeldruiwes, moet nie **MANIFESTO 500 SC** toedien na druiwe ertjekorrelgrootte bereik het (4 – 6 weke voor oes) nie aangesien dit mag vlek.
- Moet nie **MANIFESTO 500 SC** toedien op enige gewas of situasie wat nie op hierdie etiket verskyn nie.
- Dien **MANIFESTO 500 SC** toe slegs met akkurate en veilige toedienings metodes.
- As **MANIFESTO 500 SC** met ander aanbevole middels in tenkmengsels gebruik word, moet die gebruiksbeperkings van die betrokke produk ook gevolg word.

### GEBRUIKSAANWYSINGS    Gebruik slegs soos aangedui MENGINSTRUKSIES

Moet nie brak of vuil water gebruik nie. Maak die spuitenk half-vol met skoon water en voeg die benodigde hoeveelheid **MANIFESTO 500 SC** by die water terwyl daar aanhoudend geroer word. Maak die spuitenk tot die verlangde volume vol. As tenkmengsels gemaak word met ander middels, moet die spesifieke vervaardiger se etiket aanbevelings gevolg word. Die tenkmengsel moet onmiddellik uitgespuit word en nie toegelaat word om in die spuitenk te staan nie. Die spuittoerusting moet aan die einde van toediening deeglik uitgewas word.

### VERENIGBAARHEID

Die verenigbaarheid van **MANIFESTO 500 SC** met ander produkte hang af van die formulاسie van die betrokke produkte asook die kwaliteit van die spuitwater wat gebruik gaan word. Omdat formulerings van tyd tot tyd kan verander word dit aanbeveel dat 'n fisiese verenigbaarheidstoets uitgevoer word voor die tenkmengsel gemaak word. **MANIFESTO 500 SC** is verenigbaar met Koper sulfaat (Basies) in die vorm van 'n 320 g/ℓ SC formulاسie.

### TOEDIENINGSMETODES

Maak seker dat die spuittoerusting reg gekalibreer is en gaan gedurende die toediening na om seker te maak dat die toediening egalig en akkuraat is. **MANIFESTO 500 SC** kan toegedien word met 'n gewone hoëvolumespuit. Die mengsel moet aanhoudend en deeglik geroer word tydens toediening. Slegs skoon water moet gebruik word.

GEWAS/SIEKTE	DOSIS/ha	OPMERKINGS
<b>Aartappels</b>  Laatroes (Phytophthora infestans)	360 ml/ha  PLUS geskikte geregistreerd kontak swamdoder soos koper sulfaat (basies) 320 g/l SC teen aanbevole dosis	Begin bespuiting as 'n voorkomende spuitprogram vroeg in die seisoen met te minste twee agtereenvolgende bespuitings. Die eerste toediening moet plaasvind met ongeveer 50% plantopkoms. Herhaal bespuitings elke 7 – 14 dae afhangel van siektedruk, omgewingstoestande en gewasontwikkeling. Gebruik die korter tussenpose op aartappels wat meer gereeld besproei word of wanneer toestande gunstig is vir die ontwikkeling vir laatroes. Dien toe ten minste een keer elke vier weke al is die siektedruk nie baie hoog nie. Op kultivars vatbaar vir laatroes, moet die tussenpose nie langer as 10 dae wees nie. Dien toe gedurende aktiewe groei teen 'n hoë volume, voldekbepuiting. Dien toe in 300 – 500 l water per ha afhangel van plantgrootte. Dien toe as deel van 'n program en gebruik genoeg spuitmengsel om goeie bedekking te verseker. <b>MANIFESTO 500 SC</b> sal nie vroeëroes ( <i>Alternaria solani</i> ) beheer nie. Lees "Aanmerkings" onder.
<b>Wyn- en tafeldruive</b>  Donskimmel ( <i>Plasmopara viticola</i> )	36 ml/100 l water PLUS a suitable contact fungicide such as Farmag Folpet 500 SC OR any registered products containing Copper sulphate (basic) 320g/L SC at the recommended dosage rates	Begin bespuiting vroeg in die seisoen (10 cm loot lengte) as 'n voorkomende spuitprogram vir beskerming van jong groei, blomme en trosse. Dien elke 10 – 14 dae toe tot en met die begin Januarie. Dien toe gedurende aktiewe groei teen 'n hoëvolume, voldekbepuiting. Moet nie na die ertjiekorrel stadium op tafeldruive toedien nie. Dien toe in 500 – 1 500 l water per ha afhangel van plantgrootte. Dien toe as deel van 'n program en gebruik genoeg spuitmengsel om goeie bedekking te verseker. Lees "Aanmerkings" onder.

#### AANMERKINGS

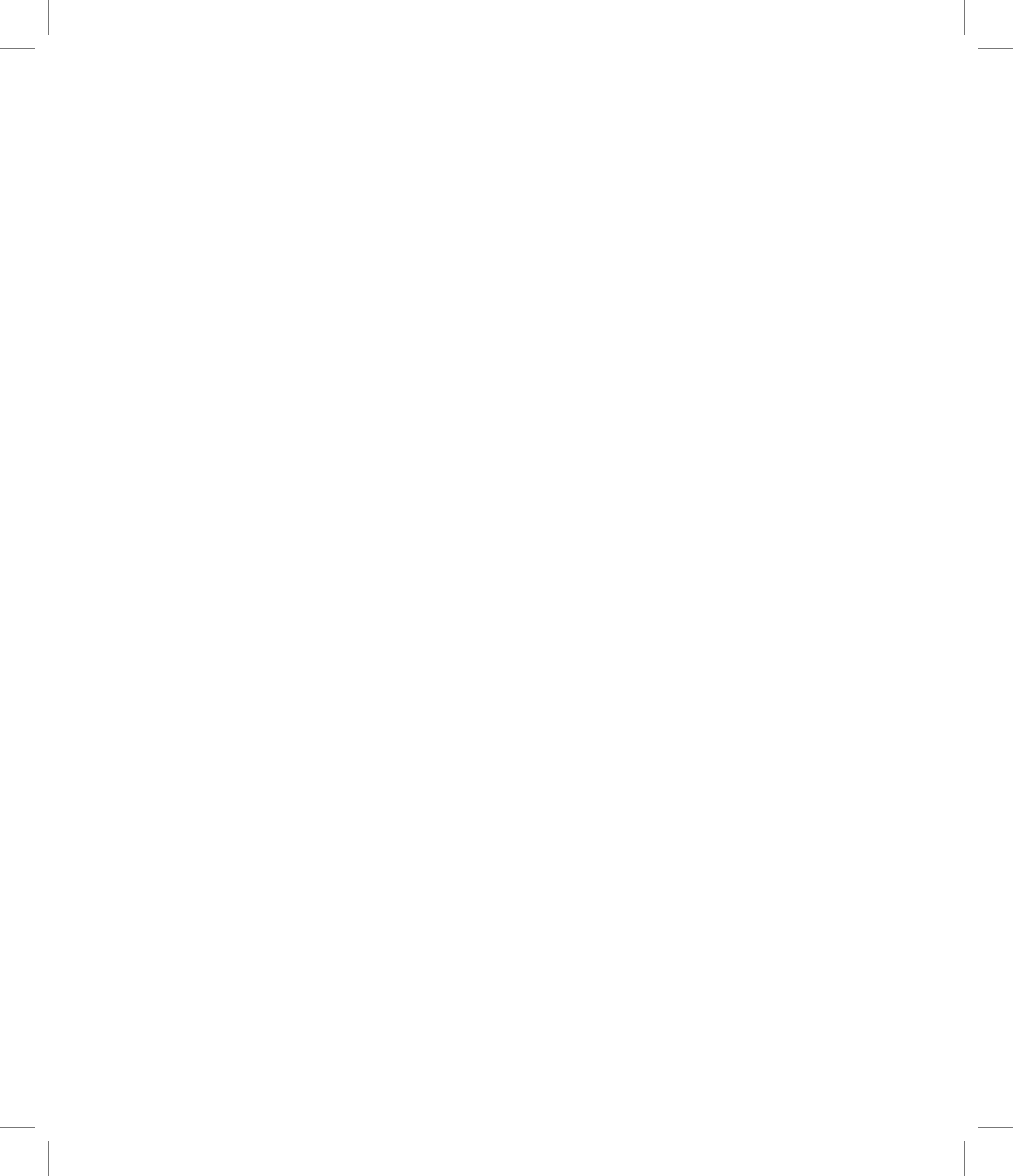
**MANIFESTO 500 SC** bevat dimetomorf, 'n translaminêr/lokaal sistemiese swamdoder met beskermende eienskappe teen laatroes en donsimmel. **MANIFESTO 500 SC** se aktiewe bestanddeel belemmer die vorming van selwande van swamme en werk spoorvorming teen om herinfeksie te belemmer. **MANIFESTO 500 SC** moet altyd in tenkngensel gebruik word saam met kontakswamddoders soos Farmag Folpet 500 SC of enige geregistreerde produk wat koper sulfaat (basies) wat 320 g/l bevat, en dit moet altyd voorkomend gebruik word. In die geval van aartappels wanneer vroeëroes vermag word, word dit aanbeveel om 'n produk wat op vroeëroes geregistreer is te spuit soos Curfew 250 EW of Farmag Difenconazole 250 EC. **MANIFESTO 500 SC** moet nie toegedien word op gewasse wat ly aan stresfaktore soos droogte, versuiping, lae temperature, insekskade, voeding of kalk tekort of ander faktore wat gewasontwikkeling sal strem nie.

#### ERKENNING VAN HANDELSMERKE:

CURFEW 250 EW (L 9327)  
 FARMAG FOLPET 500 SC (L 10591)  
 FARMAG DIFENCONAZOLE 250 EC (L 9438)

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