



MERPAN[®] 80 WDG

Reg. no. L5456 Act/Wet 36 of/van 1947

A water dispersible granular fungicide for the control of diseases in crops as listed.

'n Waterdispergeerbare korrel swamdoder vir die beheer van siektes in gewasse soos aangedui.

FRAC FUNGICIDE GROUP CODE

M4

FRAC SWAMDODER GROEPKODE

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL

captab 800 g/kgkaptab

NET MASS/NETTO MASSA

..... kg

REGISTRATION HOLDER/REGISTRASIEHOUER

ADAMA South Africa (Pty.) Ltd.

Reg. no. 1992/001741/07

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**MERPAN[®] is the registered trademark of a company of the ADAMA GROUP.
MERPAN[®] is die geregistreerde handelsmerk van 'n maatskappy van die ADAMA GROEP.**

CONTACT IN EMERGENCY/KONTAK IN NOOD

Griffon Poison Information Centre: +27 82 446 8946

Tygerberg Poison Information Centre: +27 861 555 777

Batch number
Date of Manufacture

Lotnommer
Datum van Vervaardiging

UN no.:3077



WARNINGS

Withholding period (minimum number of days between last application and harvest or feeding):

Apples, peaches, pears, potatoes, roses, turf	14 days
Tomatoes	7 days
Table grapes	4–6 weeks

- Keep out of reach of children, uninformed persons and animals.
- Store in a cool place away from food and feed.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will not 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, the environment or harm to humans or animals 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

- Avoid inhalation of powder and spray mist.
- Wash hands and all exposed parts of the body thoroughly after use.
- Prevent contamination of food, eating utensils and drinking water.
- Destroy empty container and do no re-use for any other purpose.

DIRECTIONS OF USE

Use only as indicated.

Compatibility

Compatible with non-alkaline materials such as parathion.

Do not use in mixtures with any other products not indicated on the label before consulting with a qualified advisor or ADAMA SA (Pty.) Ltd.

MERPAN® 80 WDG is not compatible with mineral oil or formulations containing mineral oil.

APPLICATION INSTRUCTIONS

Unless otherwise stated spray at intervals of 7 to 10 days and after rain.

CROP AND DISEASE	RATE	REMARKS
Potatoes Late blight	1.25–2.00 kg/300 L water/ha as a low-volume spray 1.25–2.00 kg/1000 L water/ha as a high-volume spray	Start spraying before disease is due to appear. Use the higher dosage rate for big plants and/or when infection is severe.
Tomatoes Late blight and <i>Septoria</i> leaf spot	125 g/100 L water	Seedbeds: Spray twice a week. Lands: Start to spray before disease is due to appear. Depending on plant size apply 500–2000 L spray mixture/ha.
Apples and Pears Scab (<i>Venturia inaequalis</i> – apple scab) (<i>Venturia pirina</i> – pear scab)	125 g/100 L water	Commence at green tip stage and repeat at intervals of 7 days, up to one week after 75 % petal fall. Hereafter continue with another 3 to 4 sprays, depending on weather conditions, and at intervals of 10 to 14 days. The application intervals can also be modified by means of a recognised prediction model for the disease. Do not apply in combination with mineral oil or formulations containing mineral oil. Only apply in orchards that are not exposed to stress conditions. Restrict the use of sulphur with MERPAN® 80 WDG to the period before flowering. NOTE: MERPAN® 80 WDG may cause leaf spotting of Pearmain, Delicious, Cox and other sensitive apple cultivars.
Peaches Freckle	125 g/100 L water	Apply at full blossom, 2 weeks later and 3 weeks after second spray.
Table grapes Anthracnose	125 g/100 L water	Apply to young regrowth and bunches when berries start swelling and become translucent. Repeat at 10- to 14-day intervals. Do not use on wine grapes.
Roses Black spot	125 g/100 L water	Start spraying at first signs of disease and repeat every 7 to 10 days.

CROP AND DISEASE	RATE	REMARKS
Turf Fairy ring, Dollar spot and other leaf, crown and root diseases	200 g/100 L water/50 m ²	Spray at first sign of disease.

WAARSKUWINGS

Onthoudingsperiodes (minimum aantal dae tussen laaste toediening en oes of beweiding):

Aartappels, appels, pere, perskes, rose, grasperke	14 dae
Tamaties	7 dae
Tafeldruiwe	4–6 weke

- Hou buite bereik van kinders, oningeligte persone en diere.
- Stoor in 'n koel plek weg van voedsel en veevoer.

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 klimaats- en bergingstoestande, verenigbaarheid met ander stowwe wat nie op die etiket aangedui is nie en die voorkoms van weerstand van die siekte 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 effek op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die verbruiker om etiketaanwysings na te kom of as gevolg van die ontstaan van toestand wat nie kragtens die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

VOORSORGMAATREËLS

- Voorkom inaseming van stof of spuitnewel.
- Was hande en alle blootgestelde gedeeltes van die liggaam deeglik na gebruik.
- Voorkom kontaminasie van voedsel, eetgereedskap en drinkwater.
- Vernietig leë houers en moenie vir enige ander doeleindes hergebruik nie.

GEBRUIKSAANWYSINGS

Gebruik slegs soos aangedui.

Veringbaarheid

Verenigbaar met nie-alkaliese produkte soos parathion.

Moenie in mengsels met enige ander produkte wat nie op die etiket aangedui word, gebruik nie voordat 'n gekwalifiseerde adviseur of ADAMA SA (Pty.) Ltd geraadpleeg is nie.

MERPAN® 80 WDG is nie verenigbaar met minerale olie of formulasies wat minerale olie bevat nie.

TOEDIENINGSVOORSKRIFTE

Tensy anders aanbeveel, wend aan met tussenposes van 7 tot 10 dae en na reën.

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
Aartappels Laatroes	1.25–2.00 kg/300 L water/ha as 'n lae-volume toediening 1.25–2.00 kg/1000 L water/ha as 'n hoë-volume toediening	Begin met toedienings voordat die siekte verskyn. Gebruik die hoë dosis vir groot plante of tydens hoë infeksie.
Tamaties Laatroes en <i>Septoria</i> blaarvlek	125 g/100 L water	Saadbeddings: Spuit twee keer 'n week. Lande: Begin om te spuit voordat siekte verskyn. Afhangende van plantgrootte dien 500–2000 L spuitmengsel / ha toe.
Appels en pere Skurfsiekte (<i>Venturia inaequalis</i> : appelskurfsiekte) (<i>Venturia pirina</i> : peerskurfsiekte)	125 g/100 L water	Begin by groenpuntstadium en herhaal met tussenposes van 7 dae tot en met een week na 75% blomblaarval. Gaan hierna voort met 'n verdere 3 tot 4 toedienings, afhangend van weerstoestand, en met tussenposes van 10 tot 14 dae. Die toedieningsintervalle kan ook aan die hand van 'n erkende voorspellingsmodel vir die siekte aangepas word. Moenie saam met minerale olie of formulasies wat minerale olie bevat, toedien nie. Beperk die gebruik van swael saam met MERPAN® 80 WDG tot die voorblomperiode. Dien slegs in boorde toe wat nie aan stremmingstoestand blootgestel is nie. LET WEL: MERPAN® 80 WDG mag blaarvlekkie op appelkultivars soos Pearmain, Delicious, Cox en ander sensitiewe appelkultivars veroorsaak.
Perskes Sproetsiekte	125 g/100 L water	Dien toe op volblom, 2 weke later en 3 weke na tweede spuit.
Tafeldruiwe Antraknose	125 g/100 L water	Dien toe aan jong lote en trosse wanneer druiwekorrels begin swel en deurskynend word. Herhaal met tussenposes van 10 tot 14 dae. Moenie op wyndruiwe gebruik nie.
Rose Swartvlek	125 g/100 L water	Begin wanneer eerste tekens van siekte verskyn. Herhaal elke 7 tot 10 dae.

GEWAS EN SIEKTE	DOSIS	OPMERKINGS
Grasperke Heksering, dollar-vlek en ander blaar-, kroon- en wortelsiektes	200 g/100 L water/50 m ²	Spuit sodra die eerste tekens van die siekte opgemerk word.