

# Sulfoman

Fungicide & Acaricide

Reg. No. L 10963 Act No. 36 of 1947 / Wet Nr. 36 van 1947

FRAC FUNGICIDE GROUP CODE M02 FRAC SWAMDODER GROEPKODE

A suspension concentrate fungicide and acaricide for the control of powdery mildew, other fungal diseases, certain mites and thrips on various crops as indicated.

'n Swaelbevattende suspensie konsentraat swamdoder en mytdoder vir die beheer van poeieragtige meeldou, ander swamsiektes, sekere myte en blaaspootjies op gewasse soos aangedui.

#### Active Ingredient/Aktiewe Bestandeel

Sulfur / Swael 800 g/L

 MICRONISATION

#### CAUTION / VERSIGTIG



20L

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**LABORATORIES**  
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**WARNINGS:**

• **Withholding period:** Minimum number of days between last application and harvest:

Wine and table grapes .....6 weeks

- Harmful if swallowed.
- Irritating to eyes, skin and respiratory tract.
- Store in a cool dry place away from food and feed.
- Keep out of the reach of children, uninformed persons and animals.
- Re-entry interval: 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 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 pest against the remedy concerned as well as by the method, time and accuracy of application. Furthermore the registration holder, 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 unforeseen conditions in terms of the registration. Consult the supplier in the event of any uncertainty.

**PRECAUTIONS:**

- Do not eat, drink or smoke whilst handling this product.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Wear rubber gloves and face shield when handling the concentrate.
- If you get it in your eyes, flush the eyes at once using clean water. If you get it on your skin, wash it off at once. If you spill it on your clothes, change and wash them.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinse water to the contents of the spray tank before destroying the container.
- While spraying, avoid contact with the spray as much as you can.
- Avoid spray drift onto other crops, grazing, rivers or dams.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Destroy the empty container by means of perforation and flattening and never re-use it for any other purpose.
- Change and wash your work clothes. Wash yourself.

**USE RESTRICTIONS:**

- Do not apply when temperature is above 28°C.
- Do not apply within 4 days of budding.
- Do not apply mineral oil within 4 weeks prior to, or after, a sulfur application.
- Do not apply under adverse weather conditions causing stress to the crop, e.g. insufficient leaf canopy, high or low temperatures, high or low humidity, rain and frost.

**DIRECTIONS FOR USE: Use only as directed.**

**Mixing instructions:** Shake the container before use. Replace container cap after pouring. Half fill the spray tank with water. Add the required amount of Sulfoman to the tank while agitating. Fill up the tank to the required volume with water. Ensure thorough agitation during filling and spraying. Always use spray tank strainers when pouring product into spray tank. The spray tank must be flushed out with clean water at the end of the day.

Crop and Pest	Dosage/ha	Remarks
<b>Apple</b> Bud mite Powdery mildew & Scab	3 - 4.5 L	High volume full cover spray at closed bud stage. <b>Pre-blossom:</b> 300 - 400 ml/100 L water. <b>Early post-blossom:</b> 250 ml/100 L water. <b>Late post-blossom:</b> 200 ml/100 L water. <b>Do not apply to sulfur sensitive cultivars.</b>
<b>Avocado</b> Thrips	3 - 4.5 L	Apply as soon as pest is noticed.

Crop and Pest	Dosage/ha	Remarks
<b>Bean</b> Thrips & Red Spider mite	2 - 3 L	Full cover spray when pest is noticed. Repeat at 10 - 14 day intervals if necessary.
<b>Citrus</b> Flat mite Grey mite Silver mite Rust mite Thrips	3 - 4.5 L	Full cover spray. <b>Allow 4 weeks safety period between sulfur and mineral oil treatments.</b> Apply when pest is noticed on fruit from Dec - May. Apply soon after petal drop. Repeat 2 months later. Apply in spring. Apply when first signs of blemishes are noticed on fruit during December - May. Spray whole orchard. Apply when pest is first noticed. Repeat 10 days later if necessary.
<b>Cucurbit</b> Powdery mildew	2 - 3 L	<b>Do not use on muskmelon and cucumbers.</b> Start application at first signs of disease and repeat every 7 - 14 days. Depending on foliage, apply up to 1 500 L spray mixture/ha. Ensure total coverage of all parts of the plant.
<b>Grape vine</b> Powdery mildew	2 - 3 L	<b>Winter rainfall region:</b> Start application when shoots are 25 cm long. Repeat every 3 weeks as long as necessary. <b>Summer rainfall region:</b> Start application mid summer, particularly during drought, or when first symptoms are noticed. <b>Warning:</b> Heavy applications may cause scorching, especially on warm days (temperatures above 28 °C). Do not apply within 6 weeks before harvest of table and wine grapes since it may result in visual residue deposits in table grapes and in the case of wine grapes it may adversely influence fermentation.
Eribose – Bud mite	2 - 3 L	Apply when shoots are approximately 10 cm long and repeat when vines are in the flowering stage and again about the first week in December.
<b>Mango</b> Powdery mildew	3 - 4.5 L	Apply as a full cover spray till drip off. Start application at the first signs of infection. Apply every 14 days during the flowering period from July – September. Add Amplify or Twister at 50ml per 100L spray water.
<b>Ornamental &amp; Flower</b> Thrips Red Spider mite Powdery mildew	2 L max.	Full cover spray. Sulfur may injure some ornamentals. Do not apply on warm days. In the case of roses, apply weekly.
<b>Peach</b> Powdery mildew	1.5 - 3 L	Apply at first signs of infection. Repeat every 10 - 14 days if weather favours development of the disease. Dosage depends on severity of disease.
<b>Pea</b> Powdery mildew	2 - 3 L	Apply when first symptoms of disease appear and repeat every 7 - 10 days. Apply up to 1 000 L spray mixture/ha and ensure good coverage.
<b>Stone Fruit: Peach, Plum &amp; Apricot</b> Rust	1.5 - 3 L	<b>Winter rainfall region:</b> Start application early in November. <b>Summer rainfall region:</b> Apply from middle February onwards or as soon as first symptoms are noticed.
<b>Tomato</b> Rust mite	2 - 4 L	Full cover spray. Repeat at 2 - 4 week intervals.

#### WAARSKUWINGS:

• **Weerhoudingsperiode:** Minimum hoeveelheid dae tussen laaste toediening en oes:

Wyn- en tafeldruive.....6 weke

- Skadelik as ingesluk of ingeasem word.
- Irriteer oë, vel en asemhalingsorgane.
- Giftig vir visse en ander diere.
- Hou weg van kinders en oningeligde persone.
- Stoor in koel droeë plek weg van voedsel/voer.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In die geval van vergiftiging, gaan na dokter en wys vir hom die etiket.
- Na-gebruiks interval: Wag tot die sproei area droog en opgeklaar is voor die area betree 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 klimaats- en bergingstoestande; kwaliteit van verdunningswater; verenigbaarheid met ander stowwe wat nie op die etiket aangedui is 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, die omgewing of skade aan die mens of diere nie of weens die gebrek aan prestasie van die betrokke middel as gevolg van die versuim van die gebruiker om die etiketinstruksies of die voorkoms van toestande wat nie ingevolge die registrasie voorsien kon word nie. Raadpleeg die verskaffer in die geval van enige onsekerheid.

#### VOORSORG:

- Moet nie eet, drink of rook tydens die hantering van hierdie produk nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerel.
- Dra rubberhandskoene en gesigskerm wanneer die konsentraat hanteer word.
- As jy dit in jou oë kry, spoel die oë dadelik met skoon water. As jy dit op jou vel kry, was dit dadelik af. As jy dit op jou klere mors, verander en was die klere.
- Keer die leë houër om die spuitnek of mengbak en dreineer ten minste 30 sekondes nadat die vloeitot 'n druppel vertrak het. Spoel die houër daarna af drie keer met 'n volume water gelykstaande aan 'n minimum van 10% van dié van die houër. Voeg die spoelwater by die inhoud van die spuitnek voordat die houër vernietig word.
- Vermoë kontak met die spuitstof soveel as moontlik tydens spuit.
- Vermoë spuitsweef na ander gewasse, weiding, riviere of damme.
- Maak toedieningsapparaat deeglik skoon na gebruik en gooi waswater weg waar dit nie gewasse, weiding, riviere of damme sal besoedel nie.
- Vernietig die leë houër deur middel van gate en plat en nooit weer gebruik nie dit vir enige ander doel.
- Verander en was jou werkklere. Was jouself.

#### BEPERKINGS:

- Moet nie toedien wanneer temperature bo 28°C is nie.
- Moet nie binne 4 dae na bot toedien nie.
- Moet nie mineraal olie toedien 4 weke voor- of na 'n swael toediening nie.
- Moet nie Sulfoman tydens ongunstige weer toestande wat spanning op die gewas veroorsaak toedien nie. Ongunstige weertoestande sluit hoë of lae temperature, hoë of lae humiditeit, reën en ryp in. Moenie toedien wanneer die vrug nog nat is as gevolg van reën of dou nie. Moenie toedien tydens periodes van waterstres nie.

GEBRUIKSAANWYSINGS: Gebruik slegs soos aangedui.

Meng instruksies: Skud die houër goed voor gebruik. Draai die prop terug na produk uitgegooi is. Vul die spuitnek half vol met water. Voeg die vereiste hoeveelheid Sulfoman by terwyl geroer word. Vul die spuitnek tot die gewenste volume met water. Verseker dat die produk deeglik gemeng word tydens opvul en besproeiing. Gebruik altyd spuitnek/sif/filtreerder wanneer produk by die tenk gevoeg word. Die spuitnek moet aan die einde van die dag deeglik met water uitgespoel word.

Gewas en Pes	Dosis/ha	Aanmerkings
<b>Appel</b> Knopmyt Poëieragtige meeldou & Skurfsiekte	3 - 4.5 L 3 - 4.5 L	Hoë volume volle dekbespuiting teen knop stadium <b>Voor blom:</b> 300 - 400 ml/100 L water. <b>Vroeg na blom:</b> 250 ml/100 L water. <b>Laat na blom:</b> 200 ml/100 L water. Moet nie swael op sensitiewe kultivars toedien nie.

Gewas en Pes	Dosis/ha	Aanmerkings
<b>Avokado</b> Blaaspootjies	3 - 4.5 L	Dien toe sodra pes opgemerk is.
<b>Bone</b> Blaaspootjies & Rooi spinmyt	2 - 3 L	Volle dekbespuiting sodra pes opgemerk is. Herhaal teen 10 - 14 dag intervalle indien nodig.
<b>Ertjie</b> Poerieragtige meeldou	2 - 3 L	Begin toediening teen eerste tekens van infeksie en herhaal elke 7 - 10 dae. Dien toe tot met 1 000 L spuitmengsel per hektaar en verseker volle bedekking.
<b>Mango</b> Poerieragtige meeldou	3 - 4.5 L	Dien toe as 'n volle dekbespuiting tot afloop. Begin toediening wanneer tekens van infeksie opgemerk word. Dien elke 14 dae toe gedurende blom tydperk vanaf Julie September. Voeg Amplify of Twister teen 50ml per 100L bespuitingswater by.
<b>Ornament &amp; Blomme</b> Blaaspootjies Rooi spinmyt Poerieragtige meeldou	2 L max.	Volle dekbespuiting. Swael kan sommige ornamentele spesies beseer. Moet nie op warm dae toedien nie. Vir rose, dien weekliks toe.
<b>Pampoengewas</b> Poerieragtige meeldou	2 - 3 L	Moet nie op spanspek en komkommers gebruik nie. Begin toediening teen eerste tekens van siekte en herhaal elke 7 - 14 dae. Afhangend van blaardigtheid, dien tot 1 500 L spuitmengsel/ha toe. Verseker volle bedekking van alle dele van die plant.
<b>Perske</b> Poerieragtige meeldou	1.5 - 3 L	Begin toediening teen eerste tekens van infeksie. Herhaal elke 10 - 14 dae as weerstoestand gunstig is vir ontwikkeling van die siekte. Doseer op grond van die erns van die infeksie.
<b>Sitrus</b> Plat myte Grys myt Silwermyte Roesmyt Blaaspootjies	3 - 4.5 L	Volle dekbespuiting. <b>Laat 'n 4 weke veiligheids periode tussen swael en mineraal olie behandelings.</b> Dien toe wanneer pes op vrugte opgemerk is tussen Mei - Des. Dien toe kort na blomblaarval stadium. Herhaal 2 maande later. Dien toe in lente. Dien toe wanneer eerste tekens van letsels op vrugte opgemerk is gedurende Des - Mei. Spuit die hele boord. Dien toe wanneer pes opgemerk is. Herhaal 10 dae later indien nodig.
<b>Steen Vrug: Perske, Pruim &amp; Appelkoos</b> Roes	2 - 3 L	<b>Winter reënval streek:</b> Begin toediening vroeg in November. <b>Somer reënval streek:</b> Dien toe vanaf middel Februarie of sodra eerste simptome opgemerk word.
<b>Tamaties</b> Roesmyt	2 - 4 L	Volle dekbespuiting. Herhaal teen 2 - 4 week intervalle.
<b>Wingerde</b> Poerieragtige meeldou	2 - 3 L	<b>Winter reënval streek:</b> Begin bespuiting wanneer lote ongeveer 25 cm lank is. Herhaal elke 3 weke indien nodig. <b>Somer reënval streek:</b> Begin bespuiting mid somer, veral tydens droogte, of wanneer eerste simptome opgemerk word. <b>Waarskuwing:</b> Swaar toediening kan tot brandskade lei, veral op warm dae (Temperatuur bo 28 °C). <b>Moet nie binne 6 weke voor oestyd van tafel- en wyndruive toedien nie, dit kan lei tot 'n visuele residu op tafel druiwe en in die geval van wyn druiwe kan dit die fermentasie nadelig beïnvloed.</b>
Erinose – Knopmyt	2 - 3 L	Begin bespuiting wanneer lote ongeveer 10 cm lank is en herhaal wanneer wingerde in blomstadium is, en weer in die eerste week van Desember.