Sulfoman®

Fungicide & Acaricide

Reg. No. L 10963, N-AR 2200 Act No. 36 of 1947 / Reg. Nr. L 10963, N-AR 2200 Wet Nr. 36 van 1947

READ THE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN AND ANIMALS

Group/Groep	M2	Fungicide/Swamdoder

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.

Danger	**Hazard Statement:** • Causes skin irritation.
	Precautionary Statements: • Keep out of reach of children. • Keep only in original packaging. • Do not eat, drink or smoke when using this product.

MICRONISATION

Active Ingredient / Aktiewe Bestanddeel:
Sulfur............................ 800 g/L ....Swael
S.G (at 20°C): 1.41

UN 1305

Net Volume:
20 L

MBFi
Leaders in Science. Partners in Growth.

Registered, Marketed and Distributed by / Geregistreer, Bemark en Versprei deur:
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IN CASE OF POISONING, CALL THE FOLLOWING EMERGENCY NUMBER / IN GEVAL VAN VERGIFTIGING, SKAKEL DIE VOLGENDE NOODNOMMER 082 446 8946 / 0861 555 777

Sulfoman® is a registered trademark of MBFi (PTY) LTD / Sulfoman® is 'n geregistreerde handelsmerk van MBFi (EDMS) BPK.

ZAR 003

WARNINGS:

- **GHS Hazard Statement:**

Pictogram and Signal word	Hazard Statement	
Danger	H315	Causes skin irritation.

- **Relevant Substance:**

Name	CAS No.	Weight (%)
Sulfur	7704-34-9	80

Withholding period - Minimum time between last application and harvest:
Apple, Avocado, Bean, Citrus, Cucurbit, Mango, Pea, Peach, Stone Fruit, Tomato ....0 days
Table & Wine Grapes ....6 weeks

Re-entry interval: Do not enter treated the area until the 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 disease against the remedy concerned as well as by the method, time and accuracy of the application. Furthermore, the registration holder does not accept responsibility for damage to crops, vegetation, the environment, or harm to man or animal, or 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:

- **GHS Precautionary Statements:**

P102	Keep out of reach of children.
P234	Keep only in original packaging.
P270	Do not eat, drink or smoke when using this product.
P302 P352	IF ON SKIN: Wash with plenty of water.
P305 P351 P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P306 P360	IF ON CLOTHING: Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Wash clothing before reuse.
P402 P404	Store in a dry place. Store in a closed container.

• Wear gloves and a face shield when handling.
• Wash hands and face before eating, drinking, smoking or using the toilet.
• Avoid spray drift onto adjacent crops, grazing, rivers and dams.
• Clean applicators before using for other remedies and ensure disposal of wash water does not contaminate crops, grazing, rivers, dams and water sources.
• Prevent contamination of food, feedstuffs, drinking water and eating utensils during handling, storage or disposal.
• Triple rinse the empty container: 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.

DIRECTIONS FOR USE:
• SHAKE BEFORE USING.
• Replace container cap after pouring.
• Use only as indicated on this label.

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.

Mixing: 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 Disease	Dosage/ha	Remarks
Apple: Bud mite Powdery mildew Scab	3.0-4.5 L	High volume full cover spray at closed bud stage. **Pre-blossom:** 300-400 ml/100 L water. **Early post-blossom:** 250 ml/100 L water. **Late post-blossom:** 200 ml/100 L water. **Do not apply to sulfur sensitive cultivars.**
Avocado: Thrips	3.0-4.5 L	Apply as soon as pest is noticed.
Bean: Red spider mite Thrips	2.0-3.0 L	Full cover spray when pest is noticed. Repeat at 10-14 day intervals if necessary.
Citrus: Flat mite Grey mite Rust mite Silver mite Thrips	3.0-4.5 L	Full cover spray. **Allow a 4 week safety period between sulfur and mineral oil treatments.** 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 Dec-May. Spray whole orchard. Apply when pest is first noticed. Repeat 10 days later if necessary.

Crop and Disease	Dosage/ha	Remarks
Cucurbit: Powdery mildew	2.0-3.0 L	**Do not use on muskmelon and cucumbers.** Start application at first signs of disease and repeat every 7-14 days. Depending on foliage, apply up to 1500 L/ha spray mixture. Ensure total coverage of all parts of the plant.
Mango: Powdery mildew	3.0-4.5 L	Apply as a full cover spray until drip off. Start application at the first signs of infection. Apply every 14 days during the flowering period from Jul-Sept. Add Twister at 50 ml/100 L water.
Ornamentals & Flowers: Powdery mildew Red spider mite Thrips	2.0 L max	Apply as a full cover spray. Sulfur may injure some ornamentals. Do not apply on warm days. In the case of roses, apply weekly.
Pea: Powdery mildew	2.0-3.0 L	Apply when first symptoms of disease appear and repeat every 7-10 days. Apply up to 1000 L/ha spray mixture and ensure good coverage.
Peach: Powdery mildew	1.5-3.0 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.
Stone Fruit: Apricot, Peach, Plum Rust	1.5-3.0 L	**Winter rainfall region:** Start application early in Nov. **Summer rainfall region:** Apply from middle Feb onwards or as soon as first symptoms are noticed.
Table and Wine Grapes: Erinose - Bud mite	2.0-3.0 L	Apply when shoots are approximately 10 cm long and repeat when vines are in the flowering stage and again around the first week in Dec.
Powdery mildew	2.0-3.0 L	**Winter rainfall region:** Start application when shoots are 25 cm long. Repeat every 3 weeks as long as necessary. **Summer rainfall region:** Start application midsummer, particularly during drought, or when first symptoms are noticed. **Warning:** 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.
Tomato: Rust mite	2.0-4.0 L	Full cover spray. Repeat at 2-4 week intervals.

Sulfoman® (L10963 – 800 g/L Sulfur), Twister (L9666 – 700 g/L Methylated vegetable oil) are registered trademarks of MBFi (PTY) LTD and registered under Act No. 36 of 1947.

Product approved for the use in organic farming according to Reg. (EU) 2018/848. Annex II; Sulfur, JAS Notification No. 1605 Table 2 by CERES GmbH

WAARSKUWINGS:

• GHS-Gevaarstelling:

Piktogram en Seinwoord	**Gevaarstelling**	
Gevaar	H315	Veroorsaak velirritasie.

• Relevante Bestandele:

Naam	**CAS Nr.**	**Gewig (%)**
Swael	7704-34-9	80

Weerhoudingsperiode - Minimum tyd tussen laaste aanwending en oestyd:
Appel, Avokado, Bone, Ertjie, Mango, Pampoengewasse, Perske, Sitrus,
Steenvrugte, Tamatie ....0 dae
Tafel en Wyndruiwe ....6 weke

Wagperiode: Moenie behandelde area binnegaan totdat spuitstof droog is nie behalwe as beskermende klere gedra word.

Alhoewel hierdie middel aan uitgebreide toetse onder 'n verskeidenheid van toestande onderwerp is, kan die registrasiehouer nie waarborg dat dit effektief sal wees onder alle omstandighede nie, omdat die werking en effek daarvan beïnvloed kan word deur faktore soos abnormale klimaats- en bergingstoestande; kwaliteit van verdunningswater; verenigbaarheid met ander stowwe nie aangedui op die etiket nie en die weerstand van die plaag teen die betrokke middel asook die metode, tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer ook nie verantwoordelikheid vir enige skade aan gewasse, plantegroei, die omgewing of die nadelige uitwerking op mens of dier nie, of vir die onvermoë van die betrokke middel om te presteer nie, as gevolg van die gebruiker se versuim om die etiket se aanwysings te volg of vir die voorkoms van toestande wat nie voorsien kon word in terme van die registrasie nie. Raadpleeg die verskaffer indien daar enige onsekerheid is.

VOORSORGMAATREËLS:

• GHS-Voorsorgverklarings:

P102	Hou buite bereik van kinders.
P234	Hou slegs in oorspronklike verpakking.
P270	Moenie eet, drink of rook wanneer hierdie produk gebruik word nie.
P302 P352	AS OP VEL: Was met baie water.
P305 P351 P338	AS IN DIE OË: Spoel versigtig met water vir 'n paar minute. Verwyder kontaklense indien teenwoordig en maklik om te doen. Hou aan uitspoel.
P306 P360	AS OP KLERE: Spoel onmiddellik besmette klere en vel met baie water voordat u klere verwyder. Was klere voor hergebruik.
P402 P404	Stoor op 'n droë plek. Stoor in 'n geslote houer.

- Dra handskoene en ‘n gesigmasker gedurende hantering.
- Was hande en gesig voordat daar geëet, gedrink, gerook of die toilet besoek word.
- Verseker dat sproei nie wegdryf na aangrensende gewasse, weiding, riviere of damme nie.
- Was toerusting voordat dit gebruik word vir ander middels en verseker dat die waswater wat weggegooi word nie gewasse, weiding, riviere, damme of waterbronne besoedel nie.
- Voorkom die besoedeling van kos, voer, drinkwater en eetgerei tydens hantering, berging en vernietiging.
- Spoel leë houer drie keer as volg: Keer die leë houer oor die spuit- of mengtenk om en dreineer vir minstens 30 sekondes nadat die vloei tot ‘n gedrup 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). Moenie die houer begrawe, verbrand of aan enige ander partye skenk wat dit as houer vir voedsel of drinkgoed mag gebruik nie.

GEBRUIKSAANWYSINGS:
- SKUD VOOR GEBRUIK.
- Draai die prop terug na produk uitgegooi is.
- Gebruik slegs soos aangedui op hierdie etiket.

Gebruiks Beperkings:
- Moenie toedien wanneer temperature bo 28°C is nie.
- Moenie binne 4 dae na bot toedien nie.
- Moenie mineraal olie toedien 4 weke voor of na ‘n swael toediening nie.
- Moenie 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.

Meng: Vul die spuittenk half vol met water. Voeg die vereiste hoeveelheid Sulfoman® by terwyl geroer word. Vul die spuittenk tot die gewensde volume met water. Verseker dat die produk deeglik gemeng word tydens opvul en besproeing. Gebruik altyd spuittenk sif/filtreerder wanneer produk by die tenk gevoeg word. Die spuittenk moet aan die einde van die dag deeglik met water uitgespoel word.

Gewas en Siekte	Dosis/ha	Opmerkings
Appel: Knopmyt Poeieragtige meeldou Skurfsiekte	3.0-4.5 L	Hoë volume voldekbespuiting teen knop stadium. **Voor blom:** 300-400 ml/100 L water. **Vroeg na blom:** 250 ml/100 L water. **Laat na blom:** 200 ml/100 L water. **Moenie swael op sensitiewe kultivars toedien nie.**
Avokado: Blaaspootjies	3.0-4.5 L	Begin toediening by eerste tekens van die plaag.
Bone: Blaaspootjies Rooi spinmyt	2.0-3.0 L	Dien toe as ‘n voldekbespuiting by eerste tekens van die plaag. Herhaal met 10-14 dae intervalle indien nodig.
Ertjies: Poeieragtige meeldou	2.0-3.0 L	Begin toediening by eerste tekens van infeksie en herhaal elke 7-10 dae. Dien tot 1000 L/ha spuitmengsel toe en verseker goeie bedekking.
Mango: Poeieragtige meeldou	3.0-4.5 L	Dien toe as ‘n voldekbespuiting tot afloop. Begin toediening by eerste tekens van infeksie. Dien elke 14 dae toe gedurende blom tydperk vanaf Jul-Sept. Voeg Twister teen 50 ml/100 L water by.

Gewas en Siekte	Dosis/ha	Opmerkings
Ornamentele & Blomme: Blaaspootjies Poeieragtige meeldou Rooi spinmyt	2.0 L max	Dien toe as ‘n voldekbespuiting. Swael kan sommige ornamentele spesies beseer. Moenie op warm dae toedien nie. Vir rose, dien weekliks toe.
Pampoengewasse: Poeieragtige meeldou	2.0-3.0 L	**Moenie op spanspek en komkommers gebruik nie.** Begin toediening teen eerste tekens van siekte en herhaal elke 7-14 dae. Afhangend van blaardigtheid, dien tot 1500 L/ha spuitmengsel toe. Verseker volle bedekking van alle dele van die plant.
Perske: Poeieragtige meeldou	1.5-3.0 L	Begin toediening teen eerste tekens van siekte. Herhaal elke 10-14 dae as weerstoestande gunstig is vir ontwikkeling van die siekte. Dosis hang af van die erns van die infeksie.
Sitrus: Grys myt Plat myt	3.0-4.5 L	Dien toe as ‘n voldekbespuiting. **Laat ‘n 4 weke veiligheids periode tussen swael en mineraal olie behandelinge.** Begin toediening teen eerste tekens van pes op vrugte tussen Des-Mei. Dien toe kort na blomblaarval stadium. Herhaal 2 maande later.
Blaaspootjies Roesmyt Silwermyt		Dien toe in lente. Dien toe wanneer eerste tekens van letsels op vrugte opgemerk is gedurende Des-Mei. Spuit die hele boord. Begin toediening teen eerste tekens van pes. Herhaal 10 dae later indien nodig.
Steenvrugte: Appelkoos, Perske, Pruim Roes	1.5-3.0 L	**Winter reënval streek:** Begin toediening vroeg in Nov. **Somer reënval streek:** Dien toe vanaf middel Feb of sodra eerste simptome opgemerk word.
Tafel en Wyndruiwe: Erinose - Knopmyt	2.0-3.0 L	Begin bespuiting wanneer lote ongeveer 10 cm lank is en herhaal wanneer wingerde in blomstadium is, en weer in die eerste week van Des.
Poeieragtige meeldou	2.0-3.0 L	**Winter reënval streek:** Begin bespuiting wanneer lote ongeveer 25 cm lank is. Herhaal elke 3 weke indien nodig. **Somer reënval streek:** Begin bespuiting midsomer, veral tydens droogte, of wanneer eerste simptome opgemerk word. **Waarskuwing:** Swaar toediening kan tot brandskade lei, veral op warm dae (temperature bo 28°C). Moenie binne 6 weke voor oestyd van tafel- en wyndruiwe 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.
Tamatie: Roesmyt	2.0-4.0 L	Dien toe as ‘n voldekbespuiting. Herhaal met 2-4 week intervalle.

Sulfoman® (L10963 – 800 g/L Swael), Twister (L9666 – 700 g/L Gemetileerde groente oile) is regregistreerde handelsmerke van MBFi (EDMS) BPK en geregistreer onder Wet Nr. 36 van 1947.

Produk goedgekeur vir gebruik in organiese boerdery volgens Reg. (EC) 2018/848. Bylae II; Swael, JAS: Kennisgewing Nr. 1605, Tabel 2 deur CERES GmbH