

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Fungicide



DUSTING SULPHUR

Reg. No. L 5261 Act No. 36 of 1947
N-AR 0991

4: 14/7/2022 – Aug2022

A fungicide, acaricide and insecticide for agricultural use in the form of a dusting powder for the control of Powdery mildew, Mites and Thrips on crops as mentioned.

ACTIVE INGREDIENT

sulphur

980 g/kg

GROUP

M2

FUNGICIDE



WARNING

Hazard Statements:

Flammable solid.
Causes skin irritation.

Precautionary Statements:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
In case of fire: Use water spray, standard foam or fog to extinguish.

kg

villa



UN Number: 1350

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.
Co. Reg. No. 1983/008184/07
P.O. Box 801, Kempton Park, 1620
Tel. (011) 396 2233
Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411
(Client: Villa Crop Protection)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:
Date of Manufacture:

DUSTING SULPHUR

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FRAC FUNGICIDE GROUP: M2

ACTIVE INGREDIENT:

sulphur.....980 g/kg

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WARNINGS**Withholding periods:**

Minimum number of days between the last application and harvest:	
Wine grapes	4 to 6 weeks

NOTE

ABOVE-MENTIONED WITHHOLDING PERIODS REFER TO COMPLIANCE WITH LOCAL MAXIMUM RESIDUE LIMITS (MRL'S). HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

Hazard statements:

Flammable solid.
Causes skin irritation.

- Handle with care.
- Can cause leaf burn under hot conditions.
- Store in a cool place, away from food and feedstuffs.
- Keep out of reach of children, animals and uninformed persons.
- Re-entry: 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 diseases 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**Precautionary statements:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Ground and bond container and receiving equipment.
Wash hands and face thoroughly after handling.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
Take off contaminated clothing and wash it before reuse.
In case of fire: Use water spray, standard foam or fog to extinguish.

- Avoid inhalation of dust.
- Avoid contact with eyes and skin.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face and change of clothing.
- Prevent drift of dust onto other crops, grazing, rivers, dams or areas not under treatment.

- Clean applicator with water after use or before using it for other chemicals. Dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- Disposal of containers:
 - containers must be completely emptied before being disposed of,
 - shake out thoroughly into the application hopper before destroying the empty container,
 - **never** re-use the empty container for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE WARNING

DUSTING SULPHUR is a group code M2 fungicide. Any fungus population may contain individuals naturally resistant to **DUSTING SULPHUR** and other group code M2 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **DUSTING SULPHUR** or any other group code M2 fungicide.

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 fungicide group code M, refer to applicable individual product labels,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

Relevant hazardous components	
Sulphur	980 g/kg

SYMPTOMS OF HUMAN POISONING

Causes skin irritation.

FIRST AID TREATMENT

Inhalation: Remove source of contamination or move victim to fresh air. If breathing has stopped, perform artificial respiration and administer oxygen. Keep person warm and at rest. Treat symptomatically and supportively as and when required. Obtain medical advice if necessary.

Skin contact: Remove contaminated clothing, shoes and leather goods. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Seek medical attention if necessary.**

Eye contact: Immediately flush the contaminated eyes with gently flowing lukewarm water or saline solution for 20 minutes, holding the eyelid(s) open. Seek medical attention if necessary.

Ingestion: Have victim rinse mouth thoroughly with water. Give ½ to 1 glass of water to dilute the material if victim is alert and not convulsing. If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus, rinse mouth and administer more water. Seek medical advice if necessary.

NOTE TO PHYSICIAN

Unless an extraordinary amount of **Sulphur** (several grams) has been ingested shortly prior to treatment, there is probably no need for emptying the stomach or administration of a cathartic. Adsorb ability of **Sulphur** on activated charcoal has not been tested. The most serious consequence of **Sulphur** ingestion is likely to be that of catharsis: dehydration and electrolyte depletion, particularly in children. If diarrhoea is severe, oral or intravenous administration of glucose and/or electrolyte solutions may be appropriate.

Mode of action:

Dusting Sulphur contains **Sulphur** is a non-systemic protective fungicide with secondary acaricidal activity. It acts by inhibiting respiration.

USE RESTRICTIONS

- **Do not use on cucumbers and melons.**

DIRECTIONS FOR USE: Use only as directed.

- Apply as a full cover application ensuring light coverage of both the upper and the under sides of the leaves.
- All applications must be performed with suitable equipment that is in good working order and correctly calibrated to obtain the desired cover for the recommended application.

APPLICATION RATES

Crop / Pest & Disease	Dosage Rate	Remarks
<u>Avocados</u> Thrips	10 to 40 kg / ha	Dust when pest is noticed.
<u>Bananas</u> Thrips & Flat mite	Light dusting	Can also be applied into the bags covering the bunches.
<u>Beans</u> Thrips	10 to 40 kg / ha	Full cover dusting. Repeat after 10 to 14 days.
Two-spotted spider mite (Red spider mite)		Dust as soon as the mites are noticed and repeat after 10 to 14 days, if necessary.
<u>Cucurbits</u> Powdery mildew	10 to 40 kg / ha	Do not use on cucumbers and muskmelons. Start dusting at first signs of this Mildew. Do not confuse with Downy mildew, which cannot be controlled with sulphur. Repeat at 7-to-14-day intervals as long as weather favours disease.
<u>Citrus</u> Thrips	Allow 4 weeks safety period between a dusting and a spray oil treatment.	
	50 to 100 kg / ha	Dust at 100 % petal drop and repeat after 10 days, if necessary.
Silver mite	50 to 100 kg / ha	Apply in spring if russetting occurred the previous season.
Rust mite & Flat mite		Apply when the first blemishes are noted on the fruit during December to May. It is advisable to treat the entire orchard.
Grey mite		Dust during winter or at petal fall.
<u>Grapevines</u> Powdery mildew	15 to 30 kg / ha	Heavy applications may cause burn, especially on hot days. <u>Wine grapes:</u> Do not apply after the berries have reached pea size (4 to 6 weeks prior to harvesting) as this may adversely influence fermentation. <u>Winter rainfall region:</u> Start dusting when shoots are 10 cm long and repeat every 3 weeks as long as necessary. <u>Summer rainfall region:</u> Start dusting towards the middle of summer, particularly if rainfall is low or when first symptoms are noticed.
Erinose-bud mite	15 to 30 kg / ha	Apply when shoots are approximately 10 cm long and repeat when the vines are in flower and again about the first week in December.
<u>Lupins</u> Powdery mildew	15 to 20 kg / ha	Dust when symptoms are noticed and repeat at 7- to 14-day intervals, if necessary. May cause leaf burn when high temperatures prevail.
<u>Mangoes</u> Powdery mildew	20 to 40 kg / ha	Dust at first sign of infection and at full blossom. Repeat if blossoming is irregular or if heavy rain falls.
<u>Ornamentals</u> Powdery mildew	10 to 40 kg / ha	Sulphur may injure certain species or cultivars. Dust every 10 to 14 days, depending on weather conditions favouring the disease. Ensure light but thorough coverage. In the case of roses dust the new growth weekly.
Thrips		Dust evenly at weekly intervals as soon as the insects or their damage is noticed.
<u>Peaches</u> Powdery mildew	20 to 40 kg / ha	Dust at first signs of infection and repeat every 10 to 14 days as long as the weather favours the disease.
<u>Peas</u> Powdery mildew	10 to 40 kg / ha	Apply to give an even light deposit, as soon as the first symptoms appear and repeat every 7 to 10 days as long as weather favours disease.

<i>Crop / Pest & Disease</i>	<i>Dosage Rate</i>	<i>Remarks</i>
<u>Tomatoes</u> Erinose & Rust mite	10 to 40 kg / ha	Dust at first symptoms and repeat at 2- to 4-week intervals, if necessary.