

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING THIS PRODUCT

MELPAT

MILDEX[®] WG

FUNGICIDE

**ACTIVE CONSTITUENT:
159 g/kg COPPER (Cu) PRESENT AS
COPPER OXYCHLORIDE AND
546 G/KG SULPHUR**

GROUP **M1 | M2** FUNGICIDE

A fine dry flowable fungicide for the control of various fungal diseases on grape vines as per the Directions for Use table.

IMPORTANT: READ THIS LEAFLET BEFORE USE

NET CONTENTS: 1kg, 2kg, 15kg, 25kg



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APVMA Approval Number: 64640/53041

DIRECTIONS FOR USE

RESTRAINTS:

- DO NOT apply product in combination with spraying oil.
- DO NOT spray this product when hot conditions (30°C) or frosts are likely to occur as damage can result.
- DO NOT apply to sulphur shy varieties.
- DO NOT apply to copper shy varieties.
- DO NOT apply to wet foliage.
- DO NOT use this product during poor drying conditions.

TREE AND VINE CROPS

Crop	Disease	State	Rate	Critical Comments
RATE In the following table all rates given are for dilute spraying. For concentrate spraying, refer to the Application section in the GENERAL INSTRUCTIONS.				For all uses in this table: Apply as a dilute spray that results in a visible wetting of buds and foliage and use in conjunction with a wetter such as SST Vitiwet. Treatments will be less effective and may be phytotoxic if applied as a concentrate. In the case of a concentrated spray application, then apply the same total amount of product to the target foliage. Crop phytotoxicity may occur when application occurs during hot or humid (>75% RH) conditions, or when the vines are suffering from moisture stress. Do not apply during the heat of the day. Ensure thorough coverage.
Grape Vines	Downy Mildew (<i>Plasmopara viticola</i>)	All States	300g – 400g per 100 litres	Apply sprays as close as possible <u>before</u> conditions favour downy mildew from when shoots are 3-5 cm long. Repeat according to favourability of weather for downy mildew or at 10 – 14 day intervals. Use shorter interval when conditions favour infection.
	Powdery Mildew (<i>Erysiphe necator</i>)		OR 3 – 4kgs per hectare	

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIODS:

DO NOT HARVEST CROPS FOR 30 DAYS AFTER APPLICATION.

GENERAL INSTRUCTIONS

FUNGICIDE RESISTANCE WARNING

GROUP **M1 | M2** FUNGICIDE

For fungicide resistance management the Melpat Mildex WG is a Group M1 & M2 fungicide. Some naturally occurring individual fungi resistant to this product and other Group M1 & M2 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or other Group M1 & M2 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Melpat International Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

APPLICATION

HIGH VOLUME (DILUTE SPRAYING)

Mix specified rates of product per 100L water, and apply in sufficient water to thoroughly wet the crop to the point of run-off. The water volume should increase as the crop size and bulk increases.

LOW VOLUME (CONCENTRATE SPRAYING)

Apply in sufficient water to ensure thorough, even coverage of all plant parts. The rate of product applied per hectare should be based on that which would be applied per hectare if high volume (dilute) application was used.

SPECIAL INSTRUCTIONS FOR TREE AND VINE CROPS

Dilute Spraying

Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice. Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off. The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying

Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed. Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume. Determine an appropriate dilute spray volume (see Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate. The mixing rate for concentrate spraying can then be calculated in the following way:

EXAMPLE ONLY:

- Dilute spray volume as determined above: For example 1500L/ha
- Your chosen spray volume: For example 500L/ha
- The concentration factor in this example is: $3 \times$ (ie $1500L \div 500L = 3$)
- If the dilute label rate is 10mL/100L, then the concentrate rate becomes 3×10 , that is 30mL/100L of concentrate spray.

The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows. For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

MIXING

Slowly pour Melpat Mildex WG into the spray tank three-quarters filled with water, with the agitation system actively moving. Observe the Industry Standard Correct Mixing Procedure.

COMPATIBILITY

This product is compatible with wettable powder formulations of most commonly used fungicides, insecticides and miticides.

Avoid combinations with emulsion or miscible oils on sensitive crops.

DO NOT MIX WITH LIME SULPHUR OR OTHER HIGHLY ALKALINE MATERIALS.

DO NOT MIX WITH PRODUCTS CONTAINING CALCIUM

PRECAUTIONS

Re-Entry Period

DO NOT allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with chemical or used containers.

DRIFT WARNING

DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank.

DO NOT dispose of undiluted chemicals on site. Puncture or and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers or product.

SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow length chemical resistant gloves and if dust is present half face piece respirator with dust cartridge or canister. Wash hands after use. After each day's use, wash gloves, respirator and contaminated clothing. If rubbers wash with detergent and warm water.

ENGINEERING CONTROLS

DO NOT mix/ load or apply using open system.

FIRST AID

If poisoning occurs, contact a doctor or poisons information centre. Telephone: Australia **13 11 26**.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet (MSDS).

Limit of Liability

1. Melpat International Pty Ltd accepts responsibility for the consistent quality of the product.
2. Melpat International Pty Ltd accepts no responsibility whatsoever for any damage, injury or loss following purchase and use of this product.
3. The extent of liability of Melpat International Pty Ltd is limited to the replacement of goods or a refund on the price paid. This being conditional upon a claim being made in writing and within 30 days of delivery/receipt of product.
4. This product must also be used in strict accordance with the directions as detailed on this label. The buyer accepts and uses this material with an understanding of the above conditions.

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