



Product Name: MILDEX WG FUNGICIDE
APVMA Approval No: 64640/115552

Label Name:	MILDEX WG FUNGICIDE
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENTS: 159 g/kg COPPER (Cu) PRESENT AS COPPER OXYCHLORIDE 546 g/kg SULPHUR
Mode of Action:	GROUP M1 M2 FUNGICIDE
Statement of Claims:	A fine dry flowable fungicide for the control of various fungal diseases on grape vines as per the Directions for Use table.
Net Contents:	1 KG TO 25 KG
Restrains:	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.
Directions for Use:	This section contains file attachment.
Other Limitations:	

Withholding Periods:	DO NOT HARVEST CROPS FOR 30 DAYS AFTER APPLICATION.
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Trade Advice:	
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General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>APPLICATION</p> <p>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.</p> <p>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.</p> <p>SPECIAL INSTRUCTIONS FOR TREE AND VINE CROPS</p> <p>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.</p> <p>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:</p> <p>EXAMPLE ONLY:</p> <ul style="list-style-type: none"> • 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. <p>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.</p> <p>MIXING Slowly pour Mildex WG into the spray tank three-quarters filled with water, with the agitation system actively moving. Observe the Industry Standard Correct Mixing Procedure.</p> <p>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.</p> <p>DO NOT MIX WITH LIME SULPHUR OR OTHER HIGHLY ALKALINE MATERIALS. DO NOT MIX WITH PRODUCTS CONTAINING CALCIUM</p>
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Resistance Warning:	<p>FUNGICIDE RESISTANCE WARNING</p> <p>GROUP M1 M2 FUNGICIDE</p> <p>For fungicide resistance management the 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, Grochem Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.</p>
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Precautions:	<p>PRECAUTIONS</p> <p>Re-Entry Period</p> <p>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.</p> <p>ENGINEERING CONTROLS</p> <p>DO NOT mix/ load or apply using open system.</p>
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>DO NOT contaminate streams, rivers or waterways with chemical or used containers.</p> <p>DRIFT WARNING</p> <p>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.</p>
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Storage and Disposal:	<p>Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p>Single-rinse or shake remainder into spray tank. Do not dispose of undiluted chemicals on site. Puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm 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.</p>
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Safety Directions:	<p>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 and elbow-length chemical resistant gloves and if dust is present half facepiece respirator with dust cartridge or canister. Wash hands after use. After each day's use, wash gloves, respirator and contaminated clothing. If rubber, wash with detergent and warm water.</p>
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First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE:

TREE AND VINE CROPS

Crop	Disease	State	Rate	Critical Comments
<p>RATE In the following table all rates given are for dilute spraying. For concentrate spraying, refer to the Application section in the GENERAL INSTRUCTIONS.</p>				<p>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.</p>
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.