

CAUTION

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

MAXYL[®]

FUNGICIDE

ACTIVE CONSTITUENTS: 640 g/kg MANCOZEB
80 g/kg METALAXYL

GROUP	D	Y	FUNGICIDE
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For control of downy mildew and certain other foliar diseases as indicated in the directions for use

Net Contents 2.5 Kg

Primary pack. Contains 2 X 1.25 Kg measure packs (water soluble bags) which it is illegal to sell separately.

APVMA Approval No: 62036/0907



SIPCAM PACIFIC AUSTRALIA PTY LIMITED
Level 1, 191 Malop Street Geelong VIC 3220

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MAXYL FUNGUCIDE

DIRECTIONS FOR USE

RESTRAINTS: DO NOT apply more than four sprays per season (except for tobacco). Use a recommended non-systemic fungicide for further applications. DO NOT apply if rain is expected within 6 hours. DO NOT apply as a curative spray as this will favour the development of resistant disease strains. Application should be on a protectant program basis only. DO NOT use MAXYL for disease control in greenhouse crops.

Vine Crops

Crop	Disease Controlled	State	Rate	WHP	Critical Comments
Grape vines	Downy Mildew (<i>Plasmopara viticola</i>)	Qld, NSW, Vic, Tas, SA, WA only	Dilute spraying 250 g/100 L water Concentrate spraying Refer to the Application section	14 days	Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. This use is subject to a CropLife anti-resistance strategy. Use in a protectant program commencing before disease occurs. Limit the use of Group D fungicides to periods when conditions favour disease development. Commence disease control sprays when the grapevine shoots are approximately 20 cm long and continue spraying at 7 to 21 day intervals, using a protectant or non-phenylamide fungicide (not Group D). Use the shorter interval under prolonged humid and wet conditions. When conditions favour Downy Mildew development (prolonged humid and wet conditions) apply two consecutive sprays of MAXYL. Apply before the first sign of oil spots or as soon as possible after the infection period. Do not apply more than two consecutive sprays of a Group D product. Resume the program of protectant sprays. Apply a maximum of four MAXYL sprays per season. DO NOT apply to grapevines in flower in Queensland. Minor phytotoxic reactions on some varieties of grapes may occur under certain conditions. Dilute spraying: Apply to the point of runoff. Use a minimum of 500 litres mixture per hectare before flowering, increasing volume to a minimum of 1000 litres per hectare when vines are in full foliage. Concentrate spraying: Use a minimum of 125 litres mixture per hectare before flowering, increasing volume to a minimum of 250 litres per hectare when vines are in full foliage.

Other Crops

CROP	DISEASE	STATE	RATE			WHP	CRITICAL COMMENTS
			Boom Spraying g/ Low Vol App.	Aircraft Spraying	High Vol App.		
Cucurbits	Downy Mildew	All States	2.5 kg in 200 to 500 litres of water per ha.	2.5 kg in 20 to 40 litres of water per ha.	250 g per 100 litres of water.	7 days	This use is subject to a phenylamide anti-resistance strategy. Make the first application when conditions favour disease development and before infection has occurred. Repeat application at 7-10 day intervals. Ensure thorough coverage of plants. Use the shorter interval when disease infection is severe. Add a suitable surfactant. Spraying can commence when plants have 3-4 true leaves.
	Anthrachnose Gummy Stem Blight, Alternaria Leaf Spot; also Septoria spot (Pumpkins)	Qld only					
Lettuce	Downy Mildew, Septoria Leaf Spot, Anthracnose	All States	2.5 kg in 200 to 500 litres of water per ha.		250 g per 100 litres of water; 35 g per 15 litres of water.	14 days	This use is subject to a phenylamide anti-resistance strategy. Make the first application when conditions favour disease development and before infection has occurred. Repeat application at 7-10 day intervals. Ensure thorough coverage of plants. Use the shorter interval when disease infection is severe. Add a suitable surfactant. Commence Spraying at the 3-4 true leaf stage.
		Qld, Vic, SA, WA, Tas only		2.5 kg in 20 to 40 litres of water per ha.			
Onions	Downy Mildew	All States	2.5 kg in 200 to 500 litres of water per ha.	2.5 kg in 20 to 40 litres of water per ha.	250 g per 100 litres of water	7 days	Make the first application when conditions favour disease development and before infection has occurred. Repeat applications at 7 to 10 day intervals. Ensure thorough coverage of plants Use shorter intervals when disease infection is severe. Add a suitable surfactant.
	Purple Blotch	Qld only	2.5 kg in 500 litres of water per ha.				
Ornamentals	Downy Mildew	All States	2.5 kg in 200 to 500 litres of water per ha.		150g to 250g per 100 litres of water	-	

Potatoes	Late Blight, Early Blight	All States	2.5 kg in 200 to 500 litres of water per ha.	2.5 kg in 30 to 50 litres of water per ha.	250 g per 100 litres of water	7 days	Make the first application when conditions favour disease development and before infection has occurred. Repeat applications at 7 to 14 day intervals. Apply a maximum of four protective sprays. Use shorter intervals when disease infection is severe and conditions are very favourable to disease. NOTE: Add a suitable surfactant to sprays. Ensure thorough coverage of plants.
	Pink Rot	Vic, Tas, SA, WA only					Make the first application 4-6 weeks after planting to crops previously treated at planting with MAXYL. Repeat applications at 14-day intervals.
Poppies	Downy mildew (<i>Peronospora arborescens</i>)	Tas only	2.5 kg/ha			7 weeks	Commence spraying early (ie before main disease infection period) with a registered non-Group D fungicide eg mancozeb. When conditions favour disease development apply up to two applications of MAXYL at 7 to 10 day intervals and then resume the program of protectant or non-Group D fungicides. Use the shorter interval when infection pressure is severe. DO NOT wait for disease to appear. Ensure thorough coverage of plants. Add a non-ionic surfactant to the spray mix.
Rhubarb	Downy mildew (<i>Peronospora jaapiana</i>)	All States	2.5 kg in 200 to 500 litres of water per ha.			14 days	Maintain a regular spray program. Commence spraying early (ie before main disease infection period) with a registered non-Group D fungicide eg mancozeb. When conditions favour disease development apply two consecutive applications of MAXYL at 7 to 10 day intervals. DO NOT wait for disease to appear. Use the shorter interval when infection pressure is severe. Ensure thorough coverage of plants. Note: Add a non-ionic surfactant to the spray mix.
Strawberries (non-fruited)	Eye spot (<i>Mycosphaerella fragariae</i>) Leaf Blight (<i>Dendrophoma obscurans</i>) Root Rot (<i>Phytophthora nicotianae</i> var. <i>parasitica</i>) Scorch (<i>Diplocarpon earlianum</i>)	All States			100g in 100 litres of water	7 days	Apply as a combined dip for runners after digging. For control of diseases only in Strawberry Runner Approval Schemes.
Tobacco - Field	Blue Mould Brown spot	Qld, NSW, Vic only			250 g per 100 litres of water	7 days	Spray at 7-day intervals commencing 10 days after transplanting. Spray to thoroughly wet leaves. Apply initially - 200 litres per hectare Plants 1m high - 500 litres per hectare Fully grown - 800 litres per hectare
	Frog Eye Leaf Spot	Qld only					
Tobacco - Seed bed	Blue Mould	Qld, NSW, Vic only			18 g per 15 litres of water per 60 to 80 square metres	-	Spray at 7 day intervals commencing 5 weeks after emergence. Make final application on the day before planting out. Spray to thoroughly wet leaves DO NOT drench. DO NOT apply to seedbeds until 5 weeks after emergence.

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

WITHHOLDING PERIODS:

CUCURBITS, ONIONS, POTATOES, STRAWBERRIES AND TOBACCO: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

GRAPES, LETTUCE, RHUBARB: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

POPPIES: DO NOT HARVEST FOR 7 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

MAXYL is a fungicide combining the systemic properties of metalaxyl with the protective properties of Mancozeb. MAXYL should be applied as a protective fungicide before disease occurs.

MIXING:

Fill the spray tank with $\frac{1}{4}$ of the required volume of water and start agitating. Add the required amount of product and allow to disperse. Add the remainder of the water while continuing to agitate. Ensure that the product is thoroughly mixed before spraying starts. Continue agitation during spraying. Agitate vigorously from the bottom of the spray tank if mixture is left to stand.

TANK MIXING:

When mixing MAXYL and other water dispersible granule (WG) or wettable powder (WP) formulations, ensure that they are added and mixed well prior to adding emulsifiable concentrate (EC) or suspension concentrate (SC) products. Wettable powder (WP) formulations should be pre-mixed separately and then added to the spray tank.

APPLICATION (Vine crops only)

Dilute Spraying

Use a sprayer designed to apply high volumes of water up to the point of runoff 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 100 L 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

(1) Dilute spray volume as determined above: For example 1500 L/ha. (2) Your chosen concentrate spray volume: For example 500 L/ha. (3) The concentration factor in this example is: 3 X (i.e. $1500 \text{ L} \div 500 \text{ L} = 3$). (4) If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes 3 x 10, that is 30 mL/100 L of concentrate spray. (5) The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows. (6) For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

Fungicide Resistance Warning

GROUP D Y FUNGICIDE

MAXYL is a member of the Phenylamide group of fungicides. For fungicide resistance management MAXYL is both a Group D and Group Y fungicide. Some naturally occurring individual fungi resistant to MAXYL and other Group D and Group Y fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by MAXYL and other Group D and/or Group Y 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, Sipcam Pacific Australia Pty Ltd accepts no liability for any losses that may result from the failure of MAXYL to control resistant fungi.

PRECAUTION: Re-Entry Period: DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and chemical resistant gloves. Clothing must be laundered after each day's use. **Flaggers:** DO NOT use human flaggers unless they are protected by engineering controls such as vehicles with cabs.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Shake empty carton into spray tank. Do not dispose of undiluted chemicals on site. Do not reuse empty carton. Crush and return clean carton to recycler or designated collection point. If not recycling, puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

SAFETY DIRECTIONS: May irritate the eyes, nose and throat, and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126. Avoid giving alcohol.

SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet (SDS) which is available from the supplier or from our web site, www.sipcam.com.au

NOTICE TO BUYER

This product must be used in accordance with the directions for use. Where this product is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption under the Australian Consumer Law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

Batch No:

Date of Manufacture:

Expiry Date:

This product is NOT classified as a Dangerous Good under the Australian code for the transport of dangerous goods by road and rail.

For specialist advice in an emergency only, call 1800 033 111, all hours Australia wide

G.H.S STATEMENTS

HAZARDS H317: May cause an allergic skin reaction. H361: Suspected of damaging fertility or the unborn child. H400: Very toxic to aquatic life.

PREVENTION P272: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves, protective clothing and eye or face protection.

RESPONSE P363: Wash contaminated clothing before reuse. P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302+P352: IF ON SKIN: Wash with plenty of soap and water. P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

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Water-soluble packaging. Keep dry.**

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