

DANGEROUS POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

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RUMBLE[®]

500 FUNGICIDE

ACTIVE CONSTITUENT: 500g/L PROCYMIDONE

GROUP

B

FUNGICIDE

For the control of certain fungal diseases on various crops as per Directions for Use table.

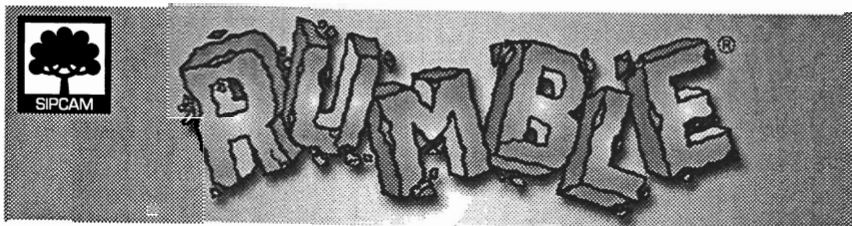
IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE



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Sipcam Pacific Australia Pty Ltd, Suite 11, 23-31 Gheringhap Street, Geelong Vic 3220



CONTENTS: 20L
APVMA APPROVAL NO:
55835/20L/0605



STORAGE AND DISPOSAL

Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. 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. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm 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

WARNING- Contains procymidone which causes birth defects in laboratory animals. Women of child bearing age should avoid contact with procymidone. Very dangerous, particularly the concentrate. Poisonous if absorbed by skin contact, inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container, preparing product for use and using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length PVC gloves and disposable mist mask. When using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat and disposable mist mask. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

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

NOTICE TO BUYER

Sipcam Pacific Australia Pty Limited (Sipcam) shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence, use under abnormal conditions or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Sipcam's skill or judgement in purchasing or using the product and every person dealing with this product does so at their own risk.

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Batch No:

Date of Manufacture:

IN TRANSPORT
EMERGENCY DIAL 000
Police or Fire Brigade

FOR SPECIALIST ADVICE IN AN
EMERGENCY DIAL 1800 033 111
24 hours Australia wide

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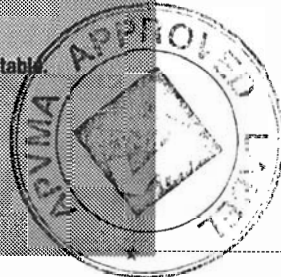
For the control of certain fungal diseases on various crops as per Directions for Use table.

GROUP B FUNGICIDE

READ THIS LEAFLET BEFORE USING THE PRODUCT.

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DIRECTIONS FOR USE

TREE AND VINE CROPS

RATE					CRITICAL COMMENTS
In the following table, all rates are given for dilute spraying. For concentrate spraying, refer to the Mixing/Application section.					
CROP	DISEASE	STATES	RATE	WITHHOLDING PERIOD	
Grapes (Wine grapes ONLY)	Grey Mould (<i>Botrytis cinerea</i>)	All States	75mL/100L	9 days	For all uses in this table: Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. DO NOT use on table grapes or grapes used for the production of dried fruit. Use on wine grapes only. Apply at the following growth stages: - 80% cap-fall - just prior to bunch closure - at veraison (when sugar content rises) - and 2-3 weeks pre-harvest To ensure complete bunch wetting add 'Agral' at 10-20mL/100L. DO NOT apply at concentrate rates greater than 150mL/100L.
Stone Fruit	Blossom Blight (<i>Monilinia laxa</i>)	Vic, NSW, SA, Tas & Qld only	50-75mL/100L	9 days	DO NOT APPLY AFTER SHUCK FALL. Apply at 10% blossom, full bloom, late petal and shuck fall. If weather conditions particularly favour blossom blight use higher rate. NSW, SA, Qld and Tas only Where <i>Monilinia laxa</i> is known to occur apply an additional early spray at pink bud. DO NOT apply at concentrate rates greater than 150mL/100L.

NON TREE AND VINE CROPS

CROP	DISEASE	STATES	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Navv Beans	Sclerotinia rot (<i>Sclerotinia sclerotiorum</i>)	Vic, NSW, Qld, SA, WA & NT only	100-150mL/100L Use 1000L water/ha OR 1-1.5L/ha	9 days	Apply in sufficient water to provide good coverage. Spray when 75% of plants first show open blossom and again 7 days later. Use higher rate when disease pressure is high.
Faba Beans	Chocolate Spot (<i>Botrytis fabae</i>)	Vic, NSW, SA, WA & Tas only	500mL/ha Ground Application in 100L/ha water	9 days	Inspect crop regularly on the mid to lower leaves, where disease will occur first. Apply spray in the early stages of attack, i.e. 1-2 spots per leaflet and when weather conditions favour the disease. These are temperatures between 15 and 20°C (Tasmania 10-20°C) and moist, humid conditions (66% RH and over). If these conditions recur, repeat applications at intervals of 2-3 weeks will be necessary to protect new growth.
Onions	White rot (<i>Sclerotinia cepivorum</i>)	Vic, Qld, NSW, SA, Tas & NT only	20mL/kg of seed	4 weeks	SEED TREATMENT (a) Apply 20mL of Rumble 500 to 1kg of seed and mix thoroughly until seeds are wet. (b) Spread the seed and allow to dry. (c) Sow within 14 days of treatment. NOTE: 1 Seed treatment should be used in conjunction with soil applications of Rumble 500 to achieve satisfactory control of white rot of onions. 2 CAUTION: Treated seed germinates poorly in cold, wet soil. Where these conditions occur, use a soil spray without seed treatment. 3 WARNING: Soil persistence of Rumble 500 can be reduced under alkaline soil conditions.
		Vic, Qld, NSW, SA & Tas only	4L/ha		IN-FURROW APPLICATION: (a) Thoroughly mix 4L of Rumble 500 with required quantity of fertiliser for 1 hectare. (b) Apply fertiliser in a band no more than 2cm <u>directly</u> below seed. NOTE: 1 Coarse sand or fine gravel can be substituted where fertiliser is not required. 2 In-furrow application must be combined with seed treatment to achieve satisfactory results. 3 WARNING: Soil persistence of Rumble 500 can be reduced under alkaline soil conditions.
		Vic, Qld, NSW, SA & NT only	2L/ha in a minimum 250L of water		SOIL SPRAY: (a) Apply to soil surface immediately after sowing and repeat application at 10 weeks after sowing. (b) Disease control will be improved if seed is treated with Rumble 500 prior to sowing. (c) A further soil spray of 2L/ha may be necessary if frequent or extended periods of cool moist conditions occur later in the season. NOTE: 1 Do not spray directly over exposed seed in furrows before covering with soil. 2 WARNING: Soil persistence of Rumble 500 can be reduced under alkaline soil conditions.

CROP	DISEASE	STATES	RATE	WITHHOLDING PERIOD	CRITICAL COMMENTS
Onions (cont)	White rot (<i>Sclerotinia cepivorum</i>)	Vic, Qld, NSW & SA only	1L/100L of water	4 weeks	TRANSPLANT DIP: (a) Dip seedlings for up to 4 hours in fungicide suspension before transplanting. (b) A supplementary soil spray of 2L/ha may be necessary if frequent or extended periods of cool, moist conditions occur later in the season.
Garlic	White rot (<i>Sclerotinium cepivorum</i>)	Vic, Qld, NSW, SA, Tas & NT only	10mL/kg	-	PRE-PLANT CLOVE TREATMENT: Separate cloves, then add required amount of Rumble 500 and mix thoroughly. WARNING: Soil persistence of Rumble 500 can be reduced under alkaline soil conditions.
Potato	Sclerotinia (<i>Sclerotinia minor</i>)	All States	500mL-1L/ha	9 days	Apply first spray just before hilling up. Apply a second spray just after hilling. Direct these sprays towards the stem bases and soil surface. Apply in sufficient water to ensure thorough coverage. Use the higher rate in situations where high disease levels are expected. Supplementary applications of 1L/ha to foliage at 14-21 day intervals may be necessary if conditions favour further development of diseases.
	Target spot (<i>Alternaria solani</i>)		500mL/ha		Apply in a program of sprays at 10 day intervals, beginning when warm weather conditions favour the disease and plants are 150-190mm high. Apply in sufficient water to ensure thorough coverage.
Ornamentals	Sclerotinia rot (<i>Sclerotinia sclerotiorum</i>)	NSW only	75-100mL/100L water	-	Apply to run-off. Use the higher rate when disease is severe. Do not apply to African violet flowers.

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

DO NOT use this product in the home garden.

WITHHOLDING PERIOD

FABA BEANS, NAVY BEANS, STONE FRUIT (BLOSSOM BLIGHT CONTROL), WINE GRAPES, POTATOES: DO NOT HARVEST FOR 9 DAYS AFTER APPLICATION

ONIONS: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION

GENERAL INSTRUCTIONS

Fungicide Resistance Warning

Rumble 500 Fungicide is a member of the dicarboximide group of fungicides. For fungicide resistance management Rumble 500 Fungicide is a Group B fungicide. Some naturally occurring individual fungi resistant to Rumble 500 Fungicide and other Group B 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 Rumble 500 Fungicide and other Group B 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 Rumble 500 Fungicide to control resistant fungi.

Mixing

This product is suitable for application through conventional spray equipment calibrated to ensure thorough crop coverage. Add the required amount of product to the partly filled tank with the agitator running and complete filling the tank with water. Do not mix with alkaline water. Continue thorough agitation during spraying and after a stoppage. Do not let prepared spray solution sit in spray tank overnight.

Application:

Dilute Spraying - Tree and Vine Crops only

- 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 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 required amount of product specified in the Directions for Use for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change as sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate spraying - Tree and Vine Crops only

- 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 the appropriate dilute spray (see dilute spraying above) for 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 concentrate spray volume: For example 500L/ha
 - The concentration factor in this example is: 3 x (ie 1500L ÷ 500L = 3)
 - If the dilute label rate is 10mL/100L, then the concentrate rate becomes 3 x 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.
 - Do not use a concentrate rate higher than specified in the Critical Comments.
 - For further information on concentrate spraying, users are advised to consult the relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

Wetting Agent

Use 'Agral' at 10mL/100L of spray. With hard to wet crops the rate may be increased to 20mL/100L.

Compatibility

This product is compatible with the following products: 'Agral', permethrin, propargite, pirimicarb, and 'Anvil'. Provided the spray tank has an adequate agitation system and the mixture is not allowed to stand without agitation, these mixtures are acceptable. Some settling will occur in mixtures with permethrin and propargite.

PRECAUTION

Do not use treated seed for animal or human consumption. Do not allow treated seed to contaminate grain/other seed intended for animal or human consumption. Do not feed treated seed, or otherwise expose, to wild or domestic birds. Treated seed when stored should be kept apart from other grain and the containers should be clearly marked to indicate the contents have been treated with this product. Do not re-use empty containers.

RE-ENTRY (grapes only): grape girdling should not be performed 24 days after spray application unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing), chemical resistant gloves and boots. Clothing must be laundered after each day's use.

RE-ENTRY: Do not enter treated areas for 9 days after spray application unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing), chemical resistant gloves and boots. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used container or containers which have held treated seed.

STORAGE AND DISPOSAL

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