

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



ACTIVE CONSTITUENT: 500g/L PROCYMIDONE

GROUP	B	FUNGICIDE
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For the control of certain fungal diseases on various crops as per the Directions for use

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE

Contents: 20L
(5L, 110L)

Genfarm Crop Protection Pty Ltd
Suite 3, Level 1, 64 Talavera Road,
Macquarie Park,
NSW, 2113
Tel: (02) 9889 5400

STORAGE AND DISPOSAL

Store in the in a locked room or place away from children, animals, 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 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.

For refillable containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

WARNING – contains Procymidone, which causes birth defect in laboratory animals. Women of child bearing age should avoid contact with procymidone.

Very dangerous, particularly the concentrate.

Poisonous if absorbed by skin contact or 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. 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 131126).

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from the supplier.

CONDITIONS OF SALE

The use of this product is beyond the control of Genfarm Crop Protection Pty Ltd. No warranty is expressed or implied regarding the suitability or efficiency for any purpose for which the buyer uses it. Genfarm Crop Protection Pty Ltd accepts no responsibility for any consequences resulting from the use of this product. Genfarm Crop Protection Pty Ltd will not be held liable for any loss, injury or damage arising from the sale, supply or use of this product, whether through negligence or otherwise. No responsibility will be accepted for any consequences whatsoever resulting from the use of this product.

For Specialist advise in an Emergency Dial 1800 033 1111 24 hours Australia wide	In a Transport Emergency Dial 000 Police or Fire Brigade
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Batch No:

Date of Manufacture:

APVMA Approval No: 59268/5/0305

59268/20/0305

59268/110/0305

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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	WHP	
Grapevines (wine grapes only)	Grey Mould (<i>Botrytis cinerea</i>)	All States	75mL/100L	9 Days	<p>For 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.</p> <p>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:</p> <ol style="list-style-type: none"> 1. 80% cap fall. 2. Just prior to bunch closure. 3. At veraison (when sugar content rises). 4. 2-3 weeks pre-harvest <p>To ensure complete bunch wetting add "Agral" at 10-20mL/100L. DO NOT apply at concentrate rates greater than 150mL/100L.</p>
Stone Fruit	Blossom Bight (<i>Monilinia laxa</i>)	Vic, NSW, SA, Tas & Qld only	50 - 75mL /100L		<p>DO NOT APPLY AFTER SHUCK FALL</p> <p>Apply at 10% blossom, full bloom, late petal and shuck fall. If weather conditions particularly favour Blossom Bight use higher rate.</p> <p>NSW, SA, Qld and Vic 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.</p>
Navy 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		<p>Apply in sufficient water to provide good coverage. Spray when 75% of plants first show open blossom and again 7 days later. Use the higher rate when disease pressure is high.</p>
Faba beans	Chocolate Spot (<i>Botrytis fabae</i>)	Vic, NSW, SA, WA & Tas only	50mL/ha <u>Ground Application</u> in 100L/ha		<p>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.</p>

Onions	White Rot (<i>Sclerotinia cepivorum</i>)	Vic, Qld, NSW, SA, Tas & NT only	20 mL/kg seed	4 weeks	Seed Treatment a) Apply 20 mL of Genfarm Proflex 500 Fungicide to 1 kg 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 Genfarm Proflex 500 Fungicide to achieve satisfactory control of White rot of onions. 2. CAUTION: Treated seed germinated poorly in cold, wet soil. Where these conditions occur, use a soil spray without seed treatment. 3. WARNING: Soil persistence of Genfarm Proflex 500 Fungicide can be reduced under alkaline soil conditions.
		Vic, Qld, NSW, SA & Tas only	4L/ha		In-Furrow Application: a) Thoroughly mix 4L of Genfarm Proflex 500 Fungicide with required quantity of fertiliser for 1 hectare. b) Apply fertiliser in a band no more than 2 cm <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 Genfarm Proflex 500 Fungicide can be reduced under alkaline soil conditions.
		Vic, Qld, NSW, SA & NT only	2L/ha in a minimum of 250 L 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 the seed is treated with Genfarm Proflex 500 Fungicide 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 Genfarm Proflex 500 Fungicide can be reduced under alkaline soil conditions.
		Vic, Qld, NSW & SA Only	1L/100 L of water		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 in the late season.
Garlic		Vic, Qld, NSW, SA, Tas & NT Only	10 mL/kg	-	Pre-plant clove treatment: Separate cloves, then add required amount of Genfarm Proflex 500 Fungicide and mix thoroughly. WARNING: Soil persistence of Genfarm Proflex 500 Fungicide can be reduced under alkaline soil conditions

Potato	Sclerotinia (<i>Sclerotinia minor</i>)	All States	500 mL- 1L/ha	9 Days	Apply at 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>)		500 mL/ha		
Ornamentals	Sclerotinia rot (<i>Sclerotinia sclerotiorum</i>)	NSW only	75 - 100 mL/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 THE APPROPRIATE LEGISLATION.

DO NOT USE THIS PRODUCT IN THE HOME GARDEN.

WITHHOLDING PERIODS:

FABA BEANS, NAVY BEANS, STONE FRUIT (blossom bight 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

GROUP	B	FUNGICIDE
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Genfarm Proflex 500 Fungicide is a member of the dicarboximide group of fungicides. For fungicide resistance management, this product is a Group B fungicide.

Some naturally occurring individual fungi resistant to the product 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 this product 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, Genfarm Crop Protection Pty Ltd accepts no liability for any losses that may result from the failure of this product 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 partially filled spray 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 stoppage. Do not let prepared spray solution sit in the 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 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 – 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 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 1500L/ha
2. Your chosen spray volume : For example 500L/ha
3. The concentration factor in this example is; 3X (i.e. 1500L divided by 500L = 3)
4. If the dilute label rate is 10 mL/100L, then the concentrate rate becomes 3 x 10, that is 30 mL/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 Comment
- For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

WETTING AGENT

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

PRECAUTIONS

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 PERIOD

RE-ENTRY: Do not enter treated area 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.

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.

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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In a Transport Emergency
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Police or Fire Brigade

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Bar Codes
5L - 933537100162
20L - 933537100163
110L - 933537100164