

# DANGEROUS POISON

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

OzCrop

# Procymidone 500 SL

**FUNGICIDE**

ACTIVE CONSTITUENT: 500 g/L PROCYMIDONE

**GROUP 2 FUNGICIDE**

*For the control of certain fungal diseases on various crops as specified in the Directions for Use table*

CONTENTS:

**5L, 10L, 20L**

**NOT A DANGEROUS GOOD  
ACCORDING TO THE AUSTRALIAN  
DANGEROUS GOODS (ADG) CODE.**

**BATCH NO.**

**DATE OF MANUFACTURE:**

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**DIRECTIONS FOR USE**

CROP	DISEASE	STATES	RATE	WHP	CRITICAL COMMENTS
Navy Beans	Sclerotinia Rot ( <i>Sclerotinia sclerotiorum</i> )	Vic, NSW, SA, Qld, WA, NT only	100 to 150 mL/100L Use 1000 L water/ha OR 1 to 1.5L/a	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	500 mL/ha Ground Application in 100 L/ha water		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.
Grapes	Grey Mould ( <i>Botrytis cinerea</i> )	All States	Dilute Spraying 75 mL/100 L  Concentrate spraying, refer to the APPLICATION SECTION		DO NOT use on Table Grapes or Grapes used for production of dried fruit. Use on Wine-grapes only. Apply at the following growth stages: <ul style="list-style-type: none"> <li>• 80% cap-fall.</li> <li>• just prior to bunch closure.</li> <li>• at veraison (when sugar content rises).</li> <li>• and 2-3 weeks pre-harvest.</li> </ul> To ensure complete bunch wetting add Wetspray 600 at 10-20 mL/100L. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
Stone fruit	Blossom Blight ( <i>Monilinia laxa</i> )	Vic, NSW, SA, Tas, Qld only	Dilute Spraying 50-75 mL/100 L of water Concentrate spraying, refer to the APPLICATION SECTION		Apply at 10% blossom, full bloom, late petal and shuck fall. DO NOT apply after shuck fall. If weather conditions particularly favour blossom blight use higher rate. <b>NSW, SA, Qld and Tas only:</b> Where <i>Monilinia laxa</i> is known to occur apply an additional early spray at pink bud. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
Onions	White Rot ( <i>Sclerotium cepivorum</i> )	Vic, Qld, NSW, SA, Tas, NT only	20 mL/kg of seed	4 weeks	<b>SEED TREATMENT</b> (a) Apply 20 mL of OZCROP PROCYIMIDONE 500 SL 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. <b>NOTE:</b> 1. Seed treatment should be used in conjunction with soil applications of OZCROP PROCYIMIDONE 500 SL FUNGICIDE 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. WARNING: Soil persistence of OZCROP PROCYIMIDONE 500 SL FUNGICIDE can be reduced under alkaline soil conditions.
		Vic, Qld, NSW, SA, Tas only	4 L/ha		<b>IN-FURROW APPLICATION</b> (a) Thoroughly mix 4 L OZCROP PROCYIMIDONE 500 SL FUNGICIDE with required quantity of fertiliser for 1 hectare. (b) Apply fertiliser in a band no more than 2 cm directly below seed. <b>NOTE:</b> 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 OZCROP PROCYIMIDONE 500 SL FUNGICIDE can be reduced under alkaline conditions.

CROP	DISEASE	STATES	RATE	WHP	CRITICAL COMMENTS
Onions	White Rot ( <i>Sclerotium cepivorum</i> )	Vic, Qld, NSW, SA, NT only	2 L/ha in a minimum 250L of water	4 weeks	<p><b>SOIL SPRAY</b></p> <p>(a) Apply to soil surface immediately after sowing and repeat application at 10 weeks after sowing.</p> <p>(b) Disease control will be improved if seed is treated with OZCROP PROCYMIDONE 500 SL FUNGICIDE prior to sowing.</p> <p>(c) A further soil spray of 2 L/ha may be necessary if frequent or extended periods of cool moist conditions occur later in the season.</p> <p><b>NOTE:</b></p> <p>1. DO NOT spray directly over exposed seed in furrows before covering with soil.</p> <p>2. WARNING: soil persistence of OZCROP PROCYMIDONE 500 SL FUNGICIDE can be reduced under alkaline soil conditions.</p>
Onions (Transplant Dip)	White Rot ( <i>Sclerotium cepivorum</i> )	Vic, Qld, NSW, SA only	1 L/100 L of water		<p><b>TRANSPLANT DIP</b></p> <p>(a) Dip seedlings for up to 4 hours in fungicide suspension before transplanting.</p> <p>(b) A supplementary soil spray of 2/L/ha may be necessary if frequent or extended periods of cool, moist conditions occur later in the season</p>
Garlic	White Rot ( <i>Sclerotium cepivorum</i> )	Vic, Qld, NSW, SA, Tas, NT only	10 mL/kg	–	<p><b>PRE-PLANT CLOVE TREATMENT</b></p> <p>Separate cloves, then add required amount of OZCROP PROCYMIDONE 500 SL FUNGICIDE and mix thoroughly. WARNING: Soil persistence of OZCROP PROCYMIDONE 500 SL FUNGICIDE can be reduced under alkaline soil conditions.</p>
Potato	Sclerotinia ( <i>Sclerotinia minor</i> )	All States	500 mL to 1 L/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 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		Apply in a program of sprays at 10 day intervals, beginning when warm weather conditions favour the disease and plants are 150 to 190 mm high. Apply in sufficient water to ensure thorough coverage.
Ornamentals	Sclerotinia Rot ( <i>Sclerotinia sclerotiorum</i> )	NSW only	75 to 100 mL/100 L water	–	Apply to run-off. Use the higher rate when disease is severe. DO NOT apply to open 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:**

**GARLIC: NOT REQUIRED WHEN USED AS DIRECTED.**

**ONIONS: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.**

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

## GENERAL INSTRUCTIONS

### FUNGICIDE RESISTANCE WARNING

OZCROP PROCYMIDONE 500 SL FUNGICIDE is a member of the dicarboximide group of fungicides. For fungicide resistance management, OZCROP PROCYMIDONE 500 SL FUNGICIDE is a Group 2 fungicide. Some naturally occurring individual fungi resistant to OZCROP PROCYMIDONE 500 SL FUNGICIDE and other Group 2 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 OZCROP PROCYMIDONE 500 SL FUNGICIDE and other Group 2 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, OZCROP 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 the 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 – STONE FRUIT AND GRAPE VINES

#### 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 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

- (a) 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.
- (b) Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- (c) Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- (d) The mixing rate for concentrate spraying can then be calculated in the following way:

#### EXAMPLE ONLY:

- (i) Dilute spray volume as determined above: For example 1500 L/ha.
  - (ii) Your chosen concentrate spray volume: For example 500 L/ha.
  - (iii) The concentration factor in this example is:  $3 \times$  (i.e.  $1500 / 500 = 3$ )
  - (iv) If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes  $3 \times 10$ , that is 30 mL/100 L of concentrate spray.
- (e) 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.
  - (f) 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 Wetspray 600 at 10 mL/100 L of spray. With hard to wet crops the rate may be increased to 20 mL/100 L.

### RE-ENTRY PERIOD

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

### COMPATIBILITY

This product is compatible with the following products: Wetspray, Hellfire®, Aphidex®, Omite 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 Hellfire and Omite.

### 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.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

Store in the closed original container in a well-ventilated area. DO NOT store for prolonged periods, in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

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 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 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 container or product.

## 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 neck and wrist, a washable hat, 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.

### Safe Work Australia:

May cause damage to organs through prolonged or repeated exposure.

Toxic to aquatic life with long lasting effects.

Avoid release to the environment.

Get medical advice or attention if you feel unwell.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

If exposed or concerned: Get medical advice.

In case of fire, use carbon dioxide, dry chemical, foam, water fog.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 131126.

## SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for OZCROP PROCYMIDONE 500 SL FUNGICIDE is available from OZCROP PTY LTD. on request. Call Customer Service on 02 8199-3610.

**CONDITIONS OF SALE:** The use of OZCROP PROCYMIDONE 500 SL FUNGICIDE being beyond the control of the manufacturer, no warranty expressed or implied is given by OZCROP Pty Ltd, regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and OZCROP Pty Ltd., accepts no responsibility for any consequence whatsoever resulting from the use of this product.



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