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

**Apparent** 

**Procymidone 500**

**FUNGICIDE**

ACTIVE CONSTITUENT: 500 g/L PROCYMIDONE

**GROUP 2 FUNGICIDE**

For the control of certain fungal diseases on various crops as per the Directions for Use.  
**IMPORTANT: Read this booklet before use.**

APVMA Approval No: 69208/60248

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**DIRECTIONS FOR USE  
TREE AND VINE CROPS**

| <b>RATE</b>   |   |                                    |   |            |
|---|---|------------------------------------|---|------------|
| <b>In the following table all rates given are for dilute spraying.</b>    |   |                                    |   |            |
| <b>For concentrate spraying, refer to the Mixing/Application section.</b> |   |                                    |   |            |
| <b>CROP</b>   | <b>DISEASE</b>                                      | <b>STATE</b>                       | <b>RATE</b>                                   | <b>WHP</b> |
| <b>Grapevines<br/>(wine grapes<br/>only)</b>                              | Grey Mould<br>( <i>Botrytis cinerea</i> )           | All States                         | 75 mL/100 L                                   | 9 days     |
| <b>Stone Fruit</b>  | Blossom Bight ( <i>Monilinia laxa</i> )             | Qld, NSW, Vic,<br>Tas, SA only     | 50 – 75 mL/100 L                              |            |
| <b>Navy Beans</b>   | Sclerotinia Rot ( <i>Sclerotinia sclerotiorum</i> ) | Qld, NSW, Vic,<br>SA, WA, NT only  | 100 – 150 mL/ 100 L                           |            |
| <b>Faba beans</b>   | Chocolate Spot ( <i>Botrytis fabae</i> )            | NSW, Vic, Tas,<br>SA, WA only      | 50 mL/ha<br>Ground Application in<br>100 L/ha |            |
| <b>Onions</b>   | White Rot ( <i>Sclerotinia cepivorum</i> )          | Qld, NSW, Vic,<br>Tas, SA, NT only | 20 mL/kg seed                                 | 4 weeks    |

**CRITICAL COMMENTS**

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.

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:

1. 80% cap fall.
2. Just prior to bunch closure.
3. At varaison (when sugar content rises).
4. 2 – 3 weeks pre-harvest.

To ensure complete bunch wetting add "Agral" at 10 - 20 mL/100 L.

DO NOT apply at concentrate rates greater than 150 mL/100 L.

DO NOT APPLY AFTER SHUCK FALL.

Apply at 10% blossom, full bloom, late petal and shuck fall. If weather conditions particularly favour Blossom Bight use higher rate.

**NSW, SA, Qld and Vic only:** Where *Monilinia laxa* is known to occur apply an additional early spray at pink bud.

DO NOT apply at concentrate rates greater than 150 mL/100 L.

Use 1000 L water/ha or 1 – 1.5 L/ha. 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.

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 - 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.

**Seed Treatment**

- a) Apply 20 mL Apparent Procymidone 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 Apparent Procymidone 500 Fungicide to achieve satisfactory control of White rot onions.  
Where these conditions occur, use a soil spray without seed treatment.
2. **Caution:** Treated seed germinated poorly in cold, wet soil.
3. **Warning:** Soil persistence of Apparent Procymidone 500 Fungicide can be reduced under alkaline soil conditions.

| <b>RATE</b>  |   |                                 |                                       |            |
|--|---|---------------------------------|---------------------------------------|------------|
| In the following table all rates given are for dilute spraying.    |   |                                 |                                       |            |
| For concentrate spraying, refer to the Mixing/Application section. |   |                                 |                                       |            |
| <b>CROP</b>  | <b>DISEASE</b>                                      | <b>STATE</b>                    | <b>RATE</b>                           | <b>WHP</b> |
| <b>Onions (cont)</b>   | White Rot ( <i>Sclerotinia cepivorum</i> )          | Qld, NSW, Vic, Tas, SA only     | 4 L/ha                                | 4 weeks    |
|  |   | Qld, NSW, Vic, SA, NT only      | 2 L/ha in a minimum of 250 L of water |            |
|  | Qld, NSW, Vic, SA only                              | 1 L/100 L of water              | 4 weeks                               |            |
| <b>Garlic</b>  | White Rot ( <i>Sclerotinia cepivorum</i> )          | Qld, NSW, Vic, Tas, SA, NT only | 10 mL/kg                              | -          |
| <b>Potato</b>  | Sclerotinia ( <i>Sclerotinia minor</i> )            | All States                      | 500 mL – 1 L/ha                       | 9 days     |
|  | Target Spot ( <i>Alternaria solani</i> )            |                                 | 500 mL/ha                             |            |
| <b>Ornamentals</b>   | Sclerotinia Rot ( <i>Sclerotinia sclerotiorum</i> ) | NSW only                        | 75 - 100 mL/100 L water               | -          |

| <b>CRITICAL COMMENTS</b>   |
|--|
| 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><b>In-Furrow Application:</b></p> <p>a) Thoroughly mix 4 L of Apparent Procymidone 500 Fungicide with required quantity of fertiliser for 1 hectare.</p> <p>b) Apply fertiliser in a band no more than 2 cm directly below seed.</p> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>Coarse sand or fine gravel can be substituted where fertiliser is not required.</li> <li>In-furrow application must be combined with seed treatment to achieve satisfactory results.</li> <li><b>Warning:</b> Soil persistence of Apparent Procymidone 500 Fungicide can be reduced under alkaline soil conditions.</li> </ol>  |
| <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 the seed is treated with Apparent Procymidone 500 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> <ol style="list-style-type: none"> <li>DO NOT spray directly over exposed seed in furrows before covering with soil.</li> <li><b>Warning:</b> Soil persistence of Apparent Procymidone 500 Fungicide can be reduced under alkaline soil conditions.</li> </ol> |
| <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 in the late season.</p>  |
| <p><b>Pre-plant clove treatment:</b></p> <p>Separate cloves, then add required amount of Apparent Procymidone 500 Fungicide and mix thoroughly.</p> <p><b>Warning:</b> Soil persistence of Apparent Procymidone 500 Fungicide can be reduced under alkaline soil conditions.</p>   |
| <p>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 1 L/ha to foliage at 14 - 21 day intervals may be necessary if conditions favour further development of diseases.</p>   |
| <p>Apply in a program of sprays at 10 day intervals, beginning when warm weather conditions favour the disease and plants are 150 - 190 mm high. Apply in sufficient water to ensure thorough coverage.</p>  |
| <p>Apply to run-off. Use the higher rate when disease is severe.</p> <p>DO NOT apply to African Violet flowers.</p>  |

**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 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 2 FUNGICIDE**

**Apparent Procymidone 500 Fungicide is a member of the dicarboximide group of fungicides. For fungicide resistance management, this product is a Group 2 fungicide. Some naturally occurring individual fungi resistant to the product 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 this product 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, Apparent 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 1500 L/ha
  2. Your chosen spray volume: For example 500 L/ha
  3. The concentration factor in this example is:  $3X$  (i.e. 1500 L divided by 500 L = 3)
  4. 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.
- 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.
  - 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/100 L of spray. With hard to wet crops the rate may be increased to 20 mL/100 L.

**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

Store in a locked room or place away from children, animals, feedstuffs, seed and fertilisers.

**For Non-Refillable Containers:** 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 a 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:** Storage must be secure so that contents cannot be tampered with. All locks and/or seals must be in order. If locks or seals are broken prior to initial use then the integrity of this product cannot be assured. If this occurs Apparent Pty Ltd should be advised immediately. 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 and 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 covering mouth and nose. 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. 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

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

## CONDITIONS OF SALE

The use of Apparent Procymidone 500 Fungicide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent 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 Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.

\*Other trademarks