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

**Apparent** 

**Carbendazim 500 SC**

**FUNGICIDE**

ACTIVE CONSTITUENT: 500 g/L CARBENDAZIM

**GROUP 1 FUNGICIDE**

For the control of fungal diseases on Macadamia nuts, Chickpeas, Faba beans, Lentils and Vetch, as per Directions for Use.  
**IMPORTANT: Read this booklet before use.**

APVMA Approval No: 84027/109527

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272

## DIRECTIONS FOR USE

### TREE CROPS

**RATE:** This table shows rates for dilute spraying.  
For concentrate spraying, refer to the Mixing/Application section.

CROP	DISEASE	STATES	RATE
Macadamia nuts	Macadamia Husk Spot ( <i>Pseudocercospora</i> spp.)	All States	50 mL/100 L (1 L/ha) plus A wetting agent (100 mL/100 L)

### OTHER CROPS

CROPS	DISEASE	STATES	RATE
Chickpeas, Faba beans, Lentils and Vetch	Chocolate Spot ( <i>Botrytis fabae</i> ), Grey Mould ( <i>Botrytis cinerea</i> )	All States	500 mL/ ha

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

### WITHHOLDING PERIODS

*Macadamia Nuts:*

**DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION. DO NOT ALLOW LIVESTOCK TO GRAZE VEGETATION IN TREATED PLANTATIONS FOR 4 WEEKS AFTER APPLICATION. DO NOT CUT VEGETATION IN TREATED PLANTATIONS FOR STOCK FEED FOR 4 WEEKS AFTER APPLICATION.**

*Chickpeas, Faba beans, Lentils and Vetch:*

**DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION. DO NOT GRAZE OR CUT FOR STOCK FEED FOR 4 WEEKS AFTER APPLICATION.**

**CRITICAL COMMENTS:** For all uses in the 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. For concentrate spraying, DO NOT use at rates greater than 5 times the dilute spraying rate.

WHP	CRITICAL COMMENTS
14 days (H) 4 weeks (G)	Apply at 5 and 8 weeks after main flowering – Stage 2 anthesis (white flowering stage). Remove any fallen nuts from under the trees prior to spraying. DO NOT apply more than 2 applications of Apparent Carbendazim 500 SC Fungicide per season.

WHP	CRITICAL COMMENTS
4 weeks (H, G)	Apply a maximum of two consecutive applications at 14 day intervals. Apply a minimum of 100 L of water per hectare.

## GENERAL INSTRUCTIONS

### Mixing/Application

SHAKE WELL BEFORE USE. Apparent Carbendazim 500 SC Fungicide is a liquid suspension to be mixed with water for application as a spray. Add the required quantity of Apparent Carbendazim 500 SC Fungicide to a partly filled spray tank and agitate. Complete filling while agitating. Ensure the spray mixture is properly agitated before restarting after stoppage.

### ADDITION OF WETTING AGENT

The addition of a wetting agent e.g. Activator Surfactant to spray mixture improves the distribution of the spray on hard to wet plants.

### APPLICATION

#### Dilute Spraying (Tree 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 spreader set up and operation may also need to be changed, as the crop grows.

#### Concentrate Spraying (Tree Crops only)

Use a sprayer designed to 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 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  $3 \times$  (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  $3 \times 10$ , that is 30 mL/100L of concentrate spray. The chosen spray volume, amount of product per 100 L of water, the sprayer set up and operation may need to be changed as the crop grows. 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 1 FUNGICIDE

Apparent Carbendazim 500 SC Fungicide is a member of the benzimidazole group of fungicides. For fungicide resistance management, Apparent Carbendazim 500 SC Fungicide is a Group 1 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 1 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

Apparent Carbendazim 500 SC Fungicide or other Group 1 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.

### EXPORT OF TREATED PRODUCE

Growers should note that suitable MRLs or import tolerances may not be established in all markets for produce treated Apparent Carbendazim 500 SC Fungicide. If you are growing produce for export, please check with Apparent Pty Ltd for the latest information and import tolerances BEFORE using Apparent Carbendazim 500 SC Fungicide.

### COMPATIBILITY

Apparent Carbendazim 500 SC Fungicide is compatible with many insecticides and fungicides however to be sure of compatibility with any product check with your local dealer first.

### PRECAUTIONS

#### Keep away from foodstuffs.

**Re-Entry Period:** DO NOT allow entry into treated areas until the spray deposits have dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and elbow-length PVC gloves. Clothing must be laundered after each day's use. For glasshouse and other confined areas, DO NOT re-enter until spray deposits have dried and area has been thoroughly ventilated.

#### PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET CROPS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray drift onto nearby susceptible plants/crops, cropping lands or pastures.

#### PROTECTION OF LIVESTOCK

Apparent Carbendazim 500 SC Fungicide is of low toxicity to bees.

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

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

#### 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-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 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 containers or product.

#### SAFETY DIRECTIONS

WARNING: Contains Carbendazim which causes birth defects and irreversible male infertility in laboratory animals. Avoid contact with carbendazim.

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 vapour or spray mist. When opening the container, preparing spray and using prepared spray, wear elbow-length chemical resistant

gloves and face shield. 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, face shield and contaminated clothing.

### **FIRST AID**

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

### **SAFETY DATA SHEET**

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

### **CONDITIONS OF SALE**

The use of Apparent Carbendazim 500 SC 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 no responsibility for any consequence whatsoever resulting from the use of this product.