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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: 500g/L CARBENDAZIM

GROUP 1 FUNGICIDE

A broad spectrum, systemic fungicide for the control of certain fungal diseases in various crops as specified in the Directions For Use
IMPORTANT: Read this booklet before use.

APVMA Approval No: 84027/123529

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DIRECTIONS FOR USE

RESTRAINT: DO NOT apply to turf, grapes, cucurbits (including melons), citrus fruit, custard apple, mango, pome fruit (apples or pears) or stone fruit (including cherries).

TREE CROPS

RATE			
This table shows rates for dilute spraying. For concentrate spraying, refer to the Mixing/Application section.			
CROP	DISEASE	STATE	RATE
Macadamia nuts	Macadamia Husk Spot (<i>Pseudocercospora</i> spp.)	ALL STATES	50mL/100L (1L/ha) plus a wetting agent (at 100mL/100L)

OTHER CROPS

CROP	DISEASE	STATE	RATE
Chickpeas, faba beans, lentils and vetch	Chocolate Spot (<i>Botrytis fabae</i>), Grey Mould (<i>Botrytis cinerea</i>)	ALL STATES	500mL/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 STOCKFEED FOR 4 WEEKS AFTER APPLICATION.

CRITICAL COMMENTS	
WHP	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.
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 trees prior to spraying. DO NOT apply more than 2 applications of Apparent Carbendazim 500 SC Fungicide per season.

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

GENERAL INSTRUCTIONS

MIXING

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 eg. Wetspray®, to the spray mixture improves the distribution of the spray on hard to wet plants.

APPLICATION

1. TREE CROPS

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 runoff. 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 100L 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: 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 concentrate spray volume: For example 500L/ha.
3. The concentration factor in this example is: $3 \times$ (ie $1500 \div 500 = 3$).
4. If the dilute label rate is 10mL/100L, then the concentrate rate becomes 3×10 , that is 30mL/100L of concentrate spraying.

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.

For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

2. OTHER CROPS

High Volume (dilute spraying): Apply in sufficient water to thoroughly wet the crop to the point of run-off. The water volume should increase as the crop size and bulk increases.

Low Volume (concentrate spraying): Where a rate per hectare (ha) is specified, apply in sufficient water to ensure thorough, even coverage of all plant parts.

FUNGICIDE RESISTANCE WARNING

GROUP 1 FUNGICIDE

Apparent Carbendazim 500 SC Fungicide is a member of the Methyl Benzimidazole Carbamate group of fungicides. For fungicide resistance management Apparent Carbendazim 500 SC Fungicide is a Group 1 fungicide. Some naturally occurring fungal populations resistant to Apparent Carbendazim 500 SC Fungicide 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 and 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, AIRR Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Carbendazim 500 SC Fungicide 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 with Apparent Carbendazim 500 SC Fungicide. If you are growing produce for export, please check with AIRR Apparent Pty Ltd for the latest information on MRLs 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 particular product check with your local dealer first.

PROTECTION OF LIVESTOCK

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

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life with long lasting effects. DO NOT contaminate wetlands or watercourses with this product or used containers. DO NOT contaminate streams, rivers or waterways with this product or the used containers.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

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

PRECAUTION

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.

STORAGE AND DISPOSAL

Store in a locked room or place away from children, animals, food, feedstuff, 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 500mm 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

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 and preparing 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 days use, wash gloves, face shield and contaminated clothing.

WARNING: CONTAINS CARBENDAZIM WHICH CAUSES BIRTH DEFECTS AND IRREVERSIBLE MALE INFERTILITY IN LABORATORY ANIMALS. AVOID CONTACT WITH CARBENDAZIM.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126, New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for Apparent Carbendazim 500 SC Fungicide is available from AIRR Apparent Pty Ltd on request.

CONDITIONS OF SALE:

AIRR Apparent Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence 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 AIRR Apparent's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of AIRR Apparent Pty Ltd has any authority to add to or alter these conditions.

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