

DANGEROUS POISON

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

BOOMER[®]

SYSTEMIC FUNGICIDE

ACTIVE CONSTITUENT: 500g/L CARBENDAZIM

GROUP	1	FUNGICIDE
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A broad spectrum, systemic fungicide for the control of certain fungal diseases in various crops, as indicated in the directions for use.

IMPORTANT: READ ATTACHED LEAFLET BEFORE USING THIS PRODUCT

Contents: 5, 10, 20, 200, Litres

APVMA Approval No: 53061 / 0812



SIPCAM PACIFIC AUSTRALIA PTY LIMITED
Level 1, 191 Malop Street Geelong VIC 3220

® Registered Trademark of Sipcam Pacific Australia Pty Ltd

BOOMER SYSTEMIC FUNGICIDE

STORAGE AND DISPOSAL

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 the 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.

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 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 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.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 131126).

SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet (SDS) which is available from the supplier or from our web site, www.sipcam.com.au

NOTICE TO BUYER

This product must be used in accordance with the directions for use. Where this product is not a good of a kind ordinarily acquired for personal, domestic or household use or consumption under the Australian Consumer Law, Sipcam's liability for any direct, indirect or consequential loss which you incur, including, without limitation, loss or damage to crop, loss of equipment, property damage, personal injury or death is limited, at Sipcam's option, to the replacement of the product or the supply of an equivalent product. By opening this package, you agree to be bound by these terms. If you do not agree to these terms, please return the entire unopened package intact to Sipcam or the place in which you purchased this product for a full refund.

Batch No:

Date of Manufacture:

NOT A DANGEROUS GOOD FOR TRANSPORT BY RAIL OR ROAD ACCORDING TO THE AUSTRALIAN CODE (ADG) FOR THE TRANSPORT OF DANGEROUS GOODS BY RAIL AND ROAD

**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID TOXIC, N.O.S. (CONTAINS CARBENDAZIM)
UN NO. 3082**

**FOR SPECIALIST ADVISE IN AN EMERGENCY ONLY, CALL
1800 033 111 ALL HOURS, AUSTRALIA WIDE**

G.H.S. STATEMENTS

HAZARDS: H371: May cause damage to organs. H410: Very toxic to aquatic life with long lasting effects.

PREVENTION: P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P370+P378: Not combustible. Use extinguishing media suited to burning materials.



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GROUP	1	FUNGICIDE
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A broad spectrum, systemic fungicide for the control of certain fungal diseases in various crops, as indicated in the directions for use.

THIS LEAFLET IS PART OF THE LABEL

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DIRECTIONS FOR USE:

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

1. TREE AND VINE CROPS

RATE					CRITICAL COMMENTS
This table shows rates for dilute spraying. For concentrate spraying, refer to mixing/application section					For all uses in this table: Apply by dilute or concentrate spraying application equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.
CROP	PEST/DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Macadamia nuts	Macadamia Husk Spot	All States	50mL plus a wetting agent (at 100mL/100 L)	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 Boomer per season.

2. OTHER CROPS

CROP	PEST/DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Chickpeas, faba beans, lentils and vetch	Chocolate spot, Grey mould	All States	500mL/ha	4 weeks (H,G)	Apply a maximum of two consecutive applications at 14 day intervals. Apply in a minimum of 100L water per hectare.

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

WITHHOLDING PERIOD:**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 TREATED 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**

GENERAL INSTRUCTIONS:**Mixing:**

Add the required amount of Boomer Systemic Fungicide to the spray tank containing half the required volume of water. Complete filling while stirring or agitating. Ensure that the spray mixture is properly suspended before re-starting after stoppage.

Addition of wetting agent:

Add 20mL of a 1000g/L surfactant per 100 litres spray mixture to improve the distribution of the spray on hard to wet plants.

APPLICATION**1. TREE AND VINE CROPS****Dilute Spraying**

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the stage of growth of crop being sprayed.
- Calibrate 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 specialist 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, sprayer calibration and operation may all need to be changed, as the crop grows.

Concentrate Spraying

- Use a sprayer designed and calibrated 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 stage of crop being sprayed.
- Calibrate 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 concentrate spray volume: For example 500 L/ha
 3. The concentration factor in this example is: 3 X (ie $1500 \text{ L} \div 500 \text{ L} = 3$)
 4. If the dilute label rate is 10mL/100 L, then the concentrate rate becomes 3 x 10, that is 30mL/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.
 - 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. Where a range of rates are specified, use the higher rate when disease pressure is high.

Low volume (concentrate spraying)

Where a rate per hectare (ha) is specified, apply only in sufficient water to ensure thorough even coverage of all plant parts. Where a range of rates is specified, use the higher rate when disease pressure is high. Where no rate per hectare is specified, the rate per hectare should be based on that which would be applied per hectare if high volume (dilute) application was used.

FUNGICIDE RESISTANCE STRATEGY

GROUP	1	FUNGICIDE
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Boomer Systemic Fungicide is a member of the Benzimidazole group of fungicides. For fungicide resistance management, Boomer Systemic Fungicide is a Group A fungicide. Some naturally occurring individual fungi resistant to Boomer Systemic Fungicide and other Group A 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 Boomer Systemic Fungicide and other Group A 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, Sipcam Pacific Australia Pty Ltd accepts no liability for any losses that may result from the failure of Boomer Systemic Fungicide to control resistant fungi.

EXPORT OF TREATED PRODUCE

Growers should note that suitable MRL's or import tolerances may not be established in all markets for product treated with Boomer. If you are growing produce for export, please check with Sipcam for latest information on MRL's and import tolerances BEFORE using Boomer SC Fungicide.

COMPATIBILITY

As formulations of other manufacturers' products are beyond the control of Sipcam Pacific Australia Pty Ltd, all mixtures should be tested prior to mixing commercial quantities.

PROTECTION OF LIVESTOCK

Boomer is of low toxicity to bees.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Drift Warning - DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause drift onto nearby plants and adjacent crops or crop-lands.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

PRECAUTION

Keep away from foodstuffs.

RE-ENTRY PERIOD

Do not allow entry into treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each days use. For glasshouses and other confined areas, DO NOT re-enter until spray deposits have dried and area has been thoroughly ventilated.

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