

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

# Smart 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 THE ATTACHED  
BOOKLET BEFORE USING THIS PRODUCT**

Crop Smart Pty. Ltd  
ABN 28 093 927 961  
2409/4 Daydream Street, Warriewood NSW 2102  
Tel: 1300 783 481 Fax: 1300 783 491

Batch Number:

Date of Manufacture:

Scan QR Code to  
access SDS  
on mobile device



APVMA Approval Number: 86237/138103

**Crop Smart**  
better crop protection

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**CONTENTS: 5 – 120 LITRES**

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# DIRECTIONS FOR USE

## 1. TREE 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. For concentrate spraying, DO NOT use at rates greater than 5 times the dilute spraying rate.
CROP	PEST/DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Macadamia nuts	Macadamia Husk Spot ( <i>Pseudocercospora spp.</i> )	All States	50mL/100L (1L/ha) plus a wetting agent (at 100mL/100L)	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 Smart Carbendazim 500 SC Fungicide per season.

## 2. OTHER CROPS

CROPS	DISEASE	STATE	RATE	WHP	CRITICAL COMMENTS
Chickpeas, faba beans, lentils and vetch	Chocolate spot, ( <i>Botrytis fabae</i> ), Grey Mould ( <i>Botrytis cinerea</i> )	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 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 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/APPLICATION

As this product is a suspension concentrate there may be some settling during storage. If practical, agitate well prior to use. Smart Carbendazim 500 SC Fungicide is a liquid suspension to be mixed with water for application as a spray. Add the required quantity of Smart 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 to spray mixture improves the distribution of the spray on hard to wet plants.

## APPLICATION

### 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 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 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

Dilute spray volume as determined above: For example 1500 L/ha

Your chosen concentrate spray volume: For example 500 L/ha

The concentration factor in this example is:  $3 \times$  (i.e.  $1500 \text{ L} \div 500 \text{ L} = 3$ )

If the dilute label rate is 10 mL/100L, then the concentrate rate becomes  $3 \times 10$ , that is 30 mL/100L of concentrate spray. 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.

## COMPATIBILITY

Smart 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.

## FUNGICIDE RESISTANCE WARNING

### GROUP 1 FUNGICIDE

Smart Carbendazim 500 SC Fungicide is a member of the benzimidazole group of fungicides. For fungicide resistance management Smart Carbendazim 500 SC Fungicide is a Group 1 fungicide. Some naturally occurring fungi resistant to Smart 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 fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by Smart 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, Crop Smart Pty Ltd accepts no liability for any losses that may result from the failure of Smart 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 Smart Carbendazim 500 SC Fungicide. If you are growing produce for export, please check with Crop Smart Pty Ltd for the latest information and import tolerances BEFORE using Smart Carbendazim 500 SC Fungicide.

### 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 areas has been thoroughly ventilated.

### PROTECTION OF LIVESTOCK

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

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

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

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

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

## **STORAGE AND DISPOSAL**

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

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.

For 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, preparing spray and using the prepared spray wear elbow-length chemical resistant gloves and a 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: 131126, New Zealand 0800 764 766).

## **SAFETY DATA SHEET (SDS)**

For further information refer to the Safety Data Sheet (SDS) which is available from the supplier.

## **NOTICE TO BUYERS**

Crop Smart Pty Ltd ('Crop Smart') shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence, use under abnormal conditions 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 Crop Smart's skill or judgment in purchasing or using the product and every person dealing with this product does so at their own risk.



#### **Additional GHS Statement**

Do not breathe mist, vapours, or spray. IF exposed or concerned: Get medical advice.

May cause damage to organs through prolonged or repeated exposure.

May damage fertility. May damage the unborn child. Very toxic to aquatic life with long lasting effects.

Avoid release to the environment. Collect spillage.

**IN AN EMERGENCY  
DIAL 000  
POLICE OR FIRE BRIGADE**

**EMERGENCY CONTACT CHEMWATCH  
1800 951 288  
AUSTRALIA WIDE, 24 HOURS**

