



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

ecocarb[®] **PLUS** **FUNGICIDE**

ACTIVE CONSTITUENT:

633 g/kg POTASSIUM BICARBONATE

312 g/kg POTASSIUM SILICATE

GROUP M2 FUNGICIDE



ACO CERT. NO. 222

Restricted for use under ACO Standards

**FOR THE CONTROL AND SUPPRESSION OF VARIOUS FUNGAL INFECTIONS IN
VITICULTURAL AND HORTICULTURAL CROPS AS PER DIRECTIONS FOR USE**

NET CONTENTS
20kg

ORGANIC CROP PROTECTANTS

1956 Dandenong Road, Clayton VIC 3168 Australia

Telephone: 1800 634 204 (Free Call)

ocp.com.au

85%
Magnification
Barcode
9336099000739

**DIRECTIONS FOR USE
RESTRAINTS:**

DO NOT apply oil sprays within 10 days of applying chlorothalonil

CROP	DISEASE	RATE	CRITICAL COMMENTS
Strawberries Vegetables: Capsicums, Zucchini, Glasshouse Cucumbers, Glasshouse Tomatoes	Powdery Mildew	300-400 g/ 100 L plus 200 mL Synertral Horti Oil	Begin application at first sign of disease. Repeat application at 7-10 day intervals. Use the higher rate and shorter repeat interval under conditions of rapid plant growth or severe disease pressure. Apply to ensure complete and thorough coverage of all plant surfaces. Pay particular attention to the underside of leaves.
Geraniums (pelargoniums)	Rust (<i>Puccinia pelargonii-zonalis</i>)	400 g/ 100 L plus 300 mL Synertral Horti Oil	Begin application at first sign of disease. Repeat application at 7 day intervals. Apply to ensure complete and thorough coverage of all plant surfaces. Pay particular attention to the underside of leaves.
Roses	Powdery Mildew	300-400 g/ 100 L plus 200 mL Synertral Horti Oil or 3-4 kg plus 2 L Synertral Horti Oil per ha	Begin application at first sign of disease. Repeat application at 7-10 day intervals. Use the higher rate and shorter repeat interval under conditions of rapid plant growth or severe disease pressure. Apply to ensure complete and thorough coverage of all plant surfaces. Pay particular attention to the underside of leaves.
Grapevines	Powdery Mildew (<i>Oidium</i> spp.) Downy Mildew (<i>Plasmopara viticola</i>) (suppression)	400 g/ 100 L plus 250 mL Synertral Horti Oil	Begin application at first sign of disease. Repeat applications at intervals of 10 to 14 days as new growth or infection occurs, or if conditions favour disease. Apply to ensure complete and thorough coverage of foliage. DO NOT apply to late season black or red table grapes close to harvest.
Apples*	Black spot (Apple scab) (<i>Venturia inaequalis</i>) Powdery Mildew (<i>Podosphaera leucotricha</i>)	600 g/100 L plus 250 mL Synertral Horti Oil 800 g/100 L	Begin application at first sign of disease. Repeat applications at intervals of 10 to 14 days as new infection occurs, or if conditions favour disease. Apply to ensure complete and thorough coverage of foliage and fruit.
Nectarines*	Brown Rot (<i>Monilinia fructicola</i> , <i>M. laxa</i>)	1200 g/ 100 L	Begin application at first sign of disease. Repeat applications at intervals of 7 days as new infection occurs, or if conditions favour disease. Apply to ensure complete and thorough coverage of foliage and fruit.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**WITHOLDING PERIOD (WHP):** Not required when used as directed.**GENERAL INSTRUCTIONS:**

EcoCarb Plus is a contact fungicide containing activated potassium bicarbonate with the addition of potassium silicate to improve efficacy against some more difficult to control diseases. EcoCarb Plus requires direct contact with the fungus organism for control. EcoCarb Plus disrupts the fungus cell, causing the cell walls to collapse.

EcoCarb Plus rapidly kills both spores and hyphae.

Grape growers are advised to rotate EcoCarb Plus with wettable sulfur sprays under conditions where canopy size and management practices limit spray coverage.**Strawberries, vegetables and geraniums:** under conditions highly favourable to disease, control may not be achieved and suppression only can be expected.***PLANT SAFETY:** Not all varieties of apples and nectarines have been tested for sensitivity to EcoCarb Plus. It is recommended that a phytotoxicity test be conducted on sensitive varieties before wide scale use.**MIXING:** Half fill spray tank and commence agitation. Slowly add required amount of EcoCarb Plus. Top up with required quantity of water. Agitate well before commencing spray procedure. Other tank mix products should be added last. Do not allow mixtures to stand. Use within 24 hours of mixing.**APPLICATION:** Apply by ground equipment only. Contact with the disease organism is essential for control, as such apply in sufficient water to ensure complete and thorough coverage of foliage and/or crop. Ensure plants are not suffering from any environmental stress such as moisture stress or heat stress when applying EcoCarb Plus to control high levels of fungus infection as water loss from the infection site can cause death of plant tissue.**COMPATIBILITY:** Avoid mixing EcoCarb Plus with organophosphorus-type pesticides (for example Group 1B Insecticides) or other chemicals that are susceptible to alkaline decomposition.

EcoCarb Plus is a highly alkaline material. Do not mix with acidifying materials. EcoCarb Plus is compatible with most crop protection products and nutrients that are stable under alkaline conditions. Any preparation of mixtures is entirely at the risk of the user and neither manufacturer nor seller shall assume any responsibility in such cases. A preliminary test with small quantities is recommended prior to use. If tank mixes are to be used, observe all directions, precautions and limitations on all products to be mixed. Avoid contact with glass. Remove promptly from glass surfaces.

FUNGICIDE RESISTANCE WARNING

For fungicide resistance management EcoCarb Plus Fungicide is a Group M2 fungicide.

GROUP M2 FUNGICIDE

Some naturally occurring individual fungi resistant to EcoCarb Plus and other Group M2 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 EcoCarb Plus or other Group M2 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, Organic Crop Protectants accepts no liability for any losses that may result from the failure of EcoCarb Plus to control resistant fungi.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT: DO NOT contaminate streams, rivers or waterways with the chemical or used containers.**PROTECTION OF BENEFICIAL INSECTS:** DO NOT introduce predatory mites (*Phytoseiulus persimilis*) to a crop within 7 days of an oil application.**STORAGE AND DISPOSAL:** Store in the closed, original container in a dry, cool, well-ventilated area out of 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:** Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and preparing the product for use, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. When using the product, wear face shield or goggles. Wash hands after use. After each day's use wash gloves and face shield or goggles, and contaminated clothing.

May cause respiratory irritation. Causes serious eye damage. Keep out of reach of children. Avoid breathing dust and spray. Wear suitable respirator when preparing. Wash hands, face and all exposed skin thoroughly after handling. Use only outdoors or in a well-ventilated area.

FIRST AID: First aid is not generally required. If in doubt, contact a Poisons Information Centre on 13 11 26 or a doctor.**SDS:** Additional information is listed in the Safety Data Sheet available from the supplier and ocp.com.au.

EcoCarb is a registered trade mark and the OCP drop device is a trade mark of Organic Crop Protectants.

For further information contact Organic Crop Protectants**Free Call: 1800 634 204****Email: info@ocp.com.au**

APVMA Approval No. 83204/107720

**FOR EMERGENCIES ONLY,
CALL AUSTRALIA 1800 033 111 (ALL HOURS)**85%
Magnification
Barcode
9336099000739