

WARNING
KEEP OUT OF REACH OF CHILDREN



ADAMA MANCOZEB FUNGICIDE

GROUP M3 FUNGICIDE

**For the control of fungal diseases in agricultural, horticultural
and ornamental crops**

READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING

Active Ingredient:

Contains 750 g/kg MANCOZEB in the form of a water dispersible granule

ADAMA New Zealand Limited
Level 1, 93 Bolt Road
Tahunanui, Nelson 7011
PO Box 1799, Nelson 7040
New Zealand
Telephone 03 543 8275
www.adama.com

NET CONTENTS

10 kg, 20 kg,
25 kg

ADAMA

REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.**HAZARD CLASSIFICATIONS: 6.4A, 6.5B, 6.9B, 9.1A****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

RECORD KEEPING

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

WARNING

Causes serious eye irritation.

May cause an allergic skin reaction.

May cause damage to nervous system through prolonged or repeated oral exposure.

ECOTOXICITY

Very toxic to aquatic life. Do not apply onto or into water. Do not contaminate aquatic environment with product or empty container.

HANDLING PRECAUTIONS

Keep out of reach of children.

Do not eat, drink or smoke while using.

Use personal protective equipment as described in the personal protection section of this label.

Do not breathe dust or spray mist.

Wash exposed skin thoroughly after handling.

Contaminated work clothing should not be allowed out of the workplace.

EQUIPMENT

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

STORAGE.

Store in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from sources of ignition, stockfeed or foodstuffs.

Store in accordance with NZS 8409 Management of Agrichemicals. Secondary containment and emergency response plans are required where greater than 100 kg of this product are stored.

SHELF LIFE

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

PERSONAL PROTECTION

When mixing or applying wear appropriate protective clothing including impervious, elbow-length gloves, chemical resistant boots, eye protection and cotton overalls buttoned to the neck and wrist. Remove protective clothing and wash hands, arms and face with soap and water before meals and after work.

SPILLAGE

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Sweep up material and place in waste containers. For liquid spills, absorb with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Dispose of the

waste safely in an approved landfill.

DISPOSAL

Container Disposal - Ensure container is completely empty. Burn if circumstances, especially wind direction permit. Otherwise bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

Product Disposal - Dispose of this product only by using according to the label, or through the Agrecovery® Chemical Recovery service or other approved facility.

FIRST AID

If medical advice is needed, have product container or label at hand.

For advice or if you feel unwell, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

CONDITIONS OF SALE

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



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Registered pursuant to the ACVM Act 1997, No. P7552
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act 1996, Approval No. HSR002701
See www.epa.govt.nz for approval controls



EMERGENCY RESPONSE

(All hours)

Ring from anywhere in New Zealand

0800 734 607

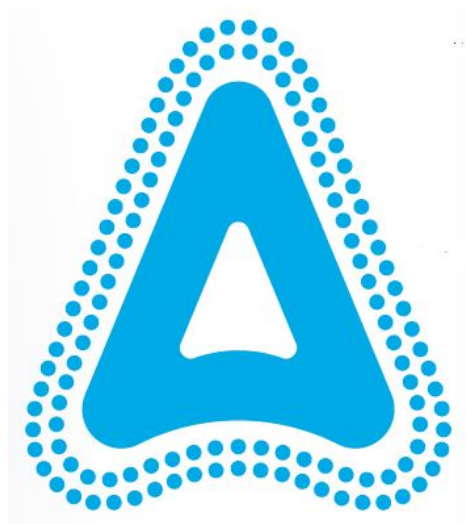
Label

In a Transport
Emergency
Phone 111
Police or Fire

Batch Number:
Date of Manufacture:

Bar code to be inserted

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SAFETY DATA SHEET

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 5477 266.

DIRECTIONS FOR USE

TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.

It is an offence to use this product on animals.

FRUIT CROPS

CROP	DISEASE	RATE	CRITICAL COMMENTS
Apple, pears	Black spot, Glomerella, ripe spot, sooty blotch	160 g/ 100 L water	Begin at green tip and repeat every 10-14 days until harvest. In regions where Glomerella is not a problem, reduce late cover spray rates to 110 g/100 L.
Boysenberries, loganberries, raspberries	Leaf spot, rust, downy mildew (dry berry)	210 g/100 L water	Apply every 10-14 days from green tip.
Citrus	Brown rot		Apply in May. If infection is serious begin applications in April and continue at 4-6 weeks until late winter.
	Alternaria		Apply from October to April every 14-28 days.
	Verrucosis (citrus scab)		Apply at petal fall.
	Citrus rust mite		Apply at first sign of mite activity around December-January. Repeat after 21-28 days if necessary.
Currants (red and black), gooseberries	Leaf Spot		Apply at green tip, pre-flowering and thereafter at 2-3 week intervals.
Grapes	Anthracoise (black spot)		Begin at bud burst and repeat every 10-14 days, or in

CROP	DISEASE	RATE	CRITICAL COMMENTS
	downy mildew dead arm disease		accordance with local recommendations.
Peaches, nectarines	Rust		Apply in early November. Reapply if disease is severe. DO NOT apply to plums as defoliation may occur.
Strawberries	Mycosphaerella Leaf spot		Apply every 10-14 days beginning in mid-June. In wet conditions, reduce spraying interval to 7 days.

ORNAMENTALS

CROP	DISEASE	RATE	CRITICAL COMMENTS
Roses	Black spot	210 g/100 L of water	Apply at 7-10 day intervals.
Chrysanthemums	Flower blight and rust		
Gladioli, gerberas	Septoria leaf blight		
Antirrhinum, pelargonium, hollyhock	Rust		

VEGETABLES

CROP	DISEASE	RATE	CRITICAL COMMENTS
Beans	Anthraco-nose, rust	160–210 g/100 L water	Apply every 7-10 days following the first signs of disease.
Cabbage, cauliflower, broccoli, brussel sprouts	Downy mildew		Apply at 7-10 day intervals in the seedbed and field. In wet weather, reduce the seedbed interval to 3-7 days.
Carrots	Cercospora leaf spot		Begin application on appearance of disease and repeat at 7-10 day intervals
Celery	Septoria leaf spot		Apply at 3-5 day intervals in the seedhead and 7-10 day intervals in the field.
Cucurbits	Downy mildew, Cercospora spot, Anthraco-nose, Alternaria		Apply at 5-7 day intervals beginning when runners form or at the first sign of disease.
Lettuce	Downy mildew, Pleospora spot, ring spot		Apply at the first sign of disease and repeat at 7-10 day intervals.
Onions	Downy mildew		Apply at 7-10 day intervals.
Potatoes	Early and late blight		1.6-2.1 kg/ha
Sweetcorn, maize	Northern leaf blight	2.1 kg/ha	Apply by aerial application at the first sign of disease. Repeat

CROP	DISEASE	RATE	CRITICAL COMMENTS
			sprays as necessary
Tomatoes	Early and late blight, Anthracnose, leaf mould, Septoria leaf spot	160–210 g/100 L of water	Apply every 7-10 days. Increase the rate to 210 g/100L water or reduce spray intervals under severe infection conditions.

It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.

WITHHOLDING PERIODS

Beans, boysenberries, broccoli, brussel sprouts, cabbage, carrots, cauliflower, celery, citrus, currants (red and black), fruit, gooseberries, grapes, lettuce, loganberries, maize, nectarines, onions, peaches, potatoes, raspberries, strawberries, sweetcorn:

DO NOT apply within 14 days of harvest.

Cucurbits and tomatoes:

Do not apply within 1 day of harvest.

COMPATIBILITY

ADAMA MANCOZEB FUNGICIDE is compatible with most commonly used insecticides and miticides. However, compatibility should be checked before using EC formulations. ADAMA MANCOZEB FUNGICIDE is not compatible with Bordeaux mixture or lime sulphur.

MIXING

Do not premix ADAMA MANCOZEB FUNGICIDE into a smaller tank. Pour ADAMA MANCOZEB FUNGICIDE into a ¼ filled spray tank while the agitator is running then add remaining water. Do not let ADAMA MANCOZEB FUNGICIDE settle out in an unagitated spray tank. When preparing spray solutions for use in a hand sprayer, premix as a slurry in a small container and add to sprayer containing ¼-½ final water volume and then add remaining water.

APPLICATION

Apply ADAMA MANCOZEB FUNGICIDE at 160-210 g/100 L of water in full coverage, dilute sprays **unless otherwise specified**. For low volume sprayers adjust the mixing rate to give equivalent rates per hectare. Thorough, uniform coverage is essential for good disease control.

IMPORTANT: In order to select the appropriate nozzles for the required spray quality and to operate the equipment to minimize spray drift, this product must be applied in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS 8409).

CLEANING SPRAY EQUIPMENT

After using ADAMA MANCOZEB FUNGICIDE empty the spray tank completely and drain the whole system. Thoroughly wash inside the unit using a pressure hose. Drain spray unit and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the spray unit as above, quarter fill with clean water and circulate the water through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

RESISTANCE MANAGEMENT

ADAMA MANCOZEB FUNGICIDE contains the GROUP M3 dithiocarbamate fungicide, mancozeb. Do not use another product containing a fungicide in the same group in conjunction with ADAMA MANCOZEB FUNGICIDE, and alternate with fungicides from a different group. Use strictly in accordance with the label instructions.

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