



**PENNCOZEB<sup>®</sup> 750 DF**

Any person purchasing, handling or disposing of this product must be suitably qualified.



**HSNO CLASSIFICATIONS:** 6.3B, 6.4A, 6.5A, 6.5B, 6.9B, 9.1A

Causes eye irritation and mild skin irritation.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
May cause allergic skin reaction.  
May cause liver damage from repeated oral exposure at high doses.  
Very toxic to aquatic life.

Do not apply directly into or onto water.  
Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the application area.  
Avoid contamination of any water supply with product or empty container.

**STORAGE**  
Keep out of reach of children. Store in the original container tightly closed in a locked, dry, cool area away from foodstuffs. Store in accordance with NZS849 Management of Agrichemicals. Stores containing 10kg of Penncozeb DF are subject to signage and more than 10kg require emergency response plans.

**PERSONAL PROTECTION**  
Avoid skin and eye contact and inhalation of spray mist or dust. When handling wear eye protection, gloves, overalls and suitable respiratory protection. Do not eat, drink or smoke whilst using. Remove protective clothing and wash hands, face and exposed skin before meals and after work. Wash contaminated clothing before reuse.

**DISPOSAL**  
Ensure container is completely empty. Bury in a suitable landfill. Dispose of product only by using according to the label, or at an appropriate landfill.

**FIRST AID**  
If medical advice is needed, have the product container or label at hand. If swallowed do NOT induce vomiting. For advice contact the National Poisons Centre (0800 POISON) 0800 764 766 or a doctor immediately. If inhaled and breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Call a doctor. If in eyes rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If on skin wash with plenty of soap and water. If eye irritation, skin irritation or rash occurs or if you feel unwell, see a doctor.

**SPILLAGE**  
Wear appropriate protective clothing and prevent material from entering waterways. Sweep up solids without generating dust. Contain liquid spills and absorb with inert material. Dispose of waste safely in an appropriate landfill.

**TRANSPORT**  
Do not carry Penncozeb DF on a passenger service vehicle.

**RECORD KEEPING:**  
Records of use as described in NZS 8499 Management of Agrichemicals must be kept when more than 3 kg of Penncozeb DF is used within 24 hours.

**COMPATIBILITY:**  
Penncozeb DF is compatible with most commonly used insecticides and fungicides. Do NOT use with lime sulphur or Bordeaux mixture.

**EQUIPMENT**  
Apply using well maintained spray equipment. Clean equipment thoroughly after use. Penncozeb DF is suitable for use in most agricultural settings. Do not use strainers finer than 300 micrometres. Calibrate the equipment to give the desired application rate and full coverage of the foliage. Fine nozzles are more effective than coarse (large) nozzles. Ensure the undersides of the plants are treated.

**MIXING**  
When filling the spray tank wash the correct amount of Penncozeb DF through the "filter screen" of the spray tank or thoroughly pre-mix in a bucket and pour into the partly filled tank through a filter. Keep agitated during use. Agitate thoroughly after a stoppage before recommencing spraying. For hard-to-wet vegetables (e.g. cabbage, cauliflower, carrots and onions), the addition of a non-ionic wetting agent will improve coverage.

**DIRECTIONS FOR USE**  
It is an offence to use this product on animals.

The rates suggested are for high volume spraying to just before run-off. For concentrate spraying adjust dilution rate accordingly. Use the higher rates and/or shorter spray intervals when disease pressure is high.  
Knapscout:  
(1) Hydraulic and Knapscout sprayers. Use 15-20g per 10 litres of water.  
(2) Motorised mistblower. Use 45-50g per 10 litres of water. Use middle settings on the restrictor and operate at sufficient throttle to give small droplets. Move all foliage in the airstream.

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:**  
Potatoes - 7 days  
Tomatoes - 7 days (field), 2 days (indoor)  
Cucurbits - 14 days (field), 2 days (indoor)  
Pitfruit, citrus, avocados, cherry, lettuce - 14 days  
Grapes - 14 days  
Strawberries, bushfruit, cane/fruit - use only up until the start of flowering  
Vegetable brassicas - seedlings only  
Stonefruit - to avoid spray deposits on fruit, do not spray within 6 weeks of harvest.

**CONDITIONS OF SALE:**  
**CAUTION: READ THIS NOTICE BEFORE OPENING THE CONTAINER**  
Exclusion of liability. To the extent permitted by law, buyers and/or users of the goods agree that neither the manufacturer, UPL, NZ Ltd, its distributor, nor any other distributor have any liability or responsibility whatsoever for any loss, damage or injury whether in contract or tort, whether direct, indirect or consequential howsoever arising in connection with the supply of these goods.

**BATCH NO**  
**DOM**

UPL290



**IN A TRANSPORT EMERGENCY  
DIAL 111  
POLICE OR FIRE BRIGADE**

**PENNCOZEB<sup>®</sup> 750 DF**

**DANGER**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ LABEL BEFORE USE**

**FUNGICIDE**

A protective fungicide for the control of fungus diseases on a wide range of crops, ornamentals and turf

**ACTIVE INGREDIENT: Contains 750g/kg mancozeb in the form of a water dispersible granule. Also contains 25g/kg hexamine.**

**READ THE DIRECTIONS FOR USE THOROUGHLY BEFORE USING THIS PRODUCT.**  
**NET CONTENTS: 10 KG**



**Registrant:**  
**UPL NZ Limited**  
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**Phone: 0800 100 325**  
**www.upl-ltd.com/nz**

Registered pursuant to the ACVM Act 1997, No.P4470  
See www.foodsafety.govt.nz for registration conditions.  
Approved pursuant to the HSNO Act 1996, Approval Code HSR000737  
See www.epa.govt.nz for approval controls.  
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FRUIT CROPS			
CROP	DISEASE	RATE	NOTES
Apples	Blackspot	150-200g/100 litres water	Begin at green tip and repeat every 10-14 days until harvest. Maintain higher rate where glomerella is a problem. N.B. Early season use under frosty conditions may cause russet.
Pears	Glomerella Ripen spot Sooty blotch		
Bushfruit	Leaf spot	200g/100 litres water	Begin at green tip and repeat at 10-14 day intervals until the start of flowering.
Cane/fruit	Downy mildew (dryberry)		
Citrus	Brown rot Alternaria Citrus rust mite	200g/100 litres water	Apply every 4-6 weeks from April until late winter. Apply from October to April at 14-28 days intervals. Apply at first signs of mite activity, normally December/January. Repeat 21-28 days later if necessary.
Grapes	Downy mildew Anthracnose	200g/100 litres water	Apply pre-bloom, post bloom and repeat at 10-14 day intervals.
Peaches	Rust	200g/100 litres water	Apply early November. A second or third application may be necessary. N.B. Do not allow drift onto plums as foliage damage and defoliation may occur.
Nectarines			
Strawberries	Mycosphanelia leaf spot (Frog's Eye)	200g/100 litres water or 2kg/ha	Apply every 10-14 days from mid June until the start of flowering. During wet weather spray every 7 days.

ORNAMENTALS			
CROP	DISEASE	RATE	NOTES
Roses	Black spot Rust	150-200g/100 litres water	Begin spraying at bud burst and continue at 7-14 day intervals throughout the growing season.
Other Ornamentals	Rust Sectorial leaf spot	200g/100 litres water	Apply on appearance of disease and as required until disease is under control.

TURF			
CROP	DISEASE	RATE	NOTES
Turf	Fusarium Rhizoctonia Heterothecium	200-250g/100 square metres	Spray in sufficient water for adequate coverage. Apply every 7 days throughout susceptible periods. Do not feed grass clippings from treated areas to poultry or animals.

VEGETABLES			
CROP	DISEASE	RATE	NOTES
Beans	Anthracnose Rust	150-200g/100 litres water	Apply at first signs of disease and repeat every 7-10 days until the start of flowering.
Cabbage	Downy mildew	150-200g/100 litres water or 2.5kg/ha	Plant beds. Apply every 3-4 days in wet weather, otherwise every 7-10 days.
Cauliflower			
Broccoli			
Brussels sprouts			
Celery	Sectorial leaf spot	at 150-200g/100 litres water (high volume)	at Plant beds. Apply every 3-4 days in wet weather, otherwise every 7-10 days. In field, apply every 7-10 days from first appearance of disease.
Carrots	Cercospora leaf spot	2.5kg/ha	Apply every 7-10 days or as required.
Pumpkin	Downy mildew	2.5kg/ha or 200g/100 litres water (high volume)	Begin spraying when runners begin to form and repeat as required.
Cucumber	Cercospora leaf spot		
Melons	Anthracnose		
Squash			
Lettuce	Downy mildew Ring spot Leaf spot	2kg/ha	Spray on appearance of disease and repeat at 7-10 day intervals.
Onions	Downy mildew Botrytis	2.5kg/ha	Begin spraying at the 2 leaf stage and repeat at 7-10 day intervals. Repeat as necessary.
Maize	Northern leaf blight	2kg/ha	As an aerial treatment in sufficient water to cover. Repeat as necessary.
Sweetcorn			
Potatoes	Late blight Early blight Target spots	1.5kg/ha (high volume) or 2.5kg/ha (as vines leaf)	In wet weather apply every 3-4 days, otherwise every 7-10 days.
Tomatoes	Late blight Early blight Sectorial leaf spot	150-200g/100 litres water (high volume) or 1kg/ha (planting to 3kg/ha (as vines size)	Apply at 7-10 day intervals or more frequently in wet weather. Do not use on young tomato seedlings in glasshouses or tunnel houses as injury may occur.

Proper Shipping Name	Hazard Class	UN No	Hazchem	Packing Group
Environmentally Hazardous Substance, Solid, N.O.S. (Mancozeb 75%)	9	3077	2X	III

<b>AWE-N-C-1731_Penncozeb_10 kg_Plastic Bag_New Zealand</b>				
	PANTONE 299 C		PANTONE 277 C	
	PANTONE 485 C			