

**DANGER**  
Keep out of reach of children

# Mancostar 750

**FUNGICIDE**

**ACTIVE INGREDIENT:**

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

**For the control of fungal diseases in a wide range of crops**

Registered pursuant to the ACVM Act 1997, No. P10323

See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

Approved under the HSNO Act 1996, HSR100972

See [www.epa.govt.nz](http://www.epa.govt.nz) for Controls

**IN A TRANSPORT EMERGENCY: CALL 111, POLICE OR FIRE BRIGADE**

**AgSta**  <sup>®</sup>



## READ THE LABEL COMPLETELY BEFORE MIXING AND APPLYING

### GENERAL INFORMATION

**Mancostar 750** is a fungicide with protective properties for the control of fungal diseases in range of fruit, vegetable and ornamental crops.

### DIRECTIONS FOR USE

#### RATES AND TIMING OF APPLICATION:

**Mancostar 750** must not be applied at rates exceeding 3.2 kg mancozeb/ha and must not be applied to the same area more than six times per year. The following rates are for a full coverage spray to run-off. For more concentrated spraying with lower volume applications, adjust the dilution rate accordingly.

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

A) FRUIT CROPS			
CROP	DISEASE	RATE	CRITICAL COMMENTS
Apples Pears	Black spot Glomerella Ripe spot Sooty blotch	110 – 160 g / 100 litres water	Apply at green tip, and repeat at 10 - 14 day intervals. Use highest rate and shortest interval early in season or where severe disease exists. Maintain high rate for Glomerella. NOTE: Early season use under frosty conditions may cause russet.
Boysenberries Loganberries Raspberries	Downy mildew (Dryberry) Leaf spot Rust	210 g / 100 litres water	Apply at green tip, and repeat at 10 - 14 day intervals.
Citrus	Brown rot	210 g / 100 litres water	Apply in May. Where severe disease exists, apply at 4 - 6 week intervals from April to late winter.
	<i>Alternaria</i>		Apply from October to April at 14 - 28 day intervals.
	<i>Verrucosis</i>		Apply at petal fall
	Citrus rust mite		Apply at first signs of mite activity (Dec/Jan). Apply

			at 21 - 28 day intervals if necessary.
Currants (Red and Black) Gooseberries	Leaf spot	210 g / 100 litres water	Apply at green tip, pre-flowering, and repeat at 14 - 21 day intervals.
Grapes	Anthrachnose (Black spot) Downy mildew	210 g / 100 litres water	Apply at bud burst, and repeat at 10 -14 day intervals as required.
Nectarines Peaches	Rust	210 g / 100 litres water	Apply in early November. Repeat application if disease is severe. NOTE: To avoid spray deposits, Do NOT spray within 6 weeks of harvest. Do NOT allow drift onto plums as foliage damage and defoliation may occur.
Strawberries	<i>Mycosphaerella</i> leaf spot (Frogs eye)	210 g / 100 litres water or 2 kg / ha	Apply from mid-June. Apply at 10 - 14 day intervals. In wet weather, repeat at 7 day intervals.

### **B) ORNAMENTALS**

Ornamentals	Blights, Spots and Rust	210 g / 100 litres water	Apply at 7 - 14 day intervals throughout the growing season.
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### **C) VEGETABLES**

Beans	<i>Anthrachnose</i> Rust	160 - 210 g / 100 litres water	Apply at the first signs of disease and repeat at 7 - 10 day intervals.
Broccoli Brussels sprouts Cabbage Cauliflower	Downy mildew	160 - 210 g / 100 litres water	Apply at 7 - 10 day intervals. In wet weather, apply to seedbed at 3 - 4 day intervals.
Carrots	<i>Cercospora</i> leaf spot	160 - 210 g / 100 litres water	Apply at the first signs of disease and repeat at 7 - 10 day intervals.

Celery	<i>Septoria leaf spot</i>	160 - 210 g / 100 litres water	Seedbed: Apply at 3 - 5 day intervals. Field: Apply at 7 - 10 day intervals.
Cucurbits: Cucumber Melons Pumpkin Squash	<i>Anthraco</i> <i>Alternaria</i> <i>Cercospora</i> leaf spot Downy mildew	160 - 210 g / 100 litres water	Apply as plants begin to run or at first signs of disease. Repeat at 5 - 7 day intervals.
Lettuce	Downy mildew Leaf spot Ring spot	160 - 210 g / 100 litres water	Apply at the first signs of disease and repeat at 7 - 10 day intervals.
Maize Sweetcorn	Northern leaf blight	2.1 kg / ha	Apply as an aerial treatment at the first signs of disease. Apply in sufficient water for coverage. Repeat as necessary.
Onions	<i>Botrytis</i> Downy mildew	160 - 210 g / 100 litres water	Apply at 7 - 10 day intervals.
Potatoes	Early blight (Target spot) Late blight	1.6 – 2.1 Kg / ha	Apply lower rate as crop emerges, higher rate as vines size. Repeat at 7 - 10 day intervals. In wet weather, repeat at 3 - 4 day intervals.
Tomatoes	<i>Anthraco</i> Early blight Late blight <i>Septoria leaf spot</i>	160 - 210 g / 100 litres water	Apply at 7 - 10 day intervals. Use highest rate and shortest interval where severe disease conditions exist. Do NOT use on young tomato seedlings in glass houses or tunnel houses as injury may occur.

**APPLICATION METHODS: Mancostar 750 WDG** is non-corrosive and almost non-abrasive. **Mancostar 750** can be applied with conventional spraying equipment. Do not use strainers finer than 300 micrometres. Use a finer droplet size for more uniform coverage. Ensure the underside of leaves are treated. Wash equipment thoroughly after use.

**MIXING:** **Mancostar 750** mixes readily with water. Add the required amount of Mancostar 750 into the partly filled tank then add the remaining water while agitating. The spray mixture should be kept agitated before and during spraying, and before spraying after a stoppage.

**COMPATIBILITY:** **Mancostar 750** is compatible with most commonly used insecticides and fungicides. Do NOT use with lime sulphur or Bordeaux mixture. For hard to wet vegetables such as onions, the addition of a non-ionic wetting agent such as Triton X-AG will improve coverage.

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

### WITHHOLDING PERIODS

Cucurbits, Tomatoes	1 day
Apples, Beans, Boysenberries, Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Citrus, Currants (Red and Black), Gooseberries, Grapes, Lettuce, Loganberries, Maize, Nectarines, Onions, Peaches, Pears, Potatoes, Raspberries, Strawberries, Sweetcorn	14 days
Export Crops	Check with your exporter or industry crop adviser

**Leaf plucking in vineyards:** Sheep must not be sent for slaughter or milking for 6 months after being removed from the vineyard (and placed on clean feed).

### RESISTANCE MANAGEMENT:

**GROUP M3 FUNGICIDE**

**Mancostar 75 WDG** is a member of the dithio carbamate group of fungicides. Resistance to this and other M3 fungicides could develop from excessive use. To minimise this risk, use strictly in accordance with label instructions and resistance management strategies that exist for any diseases

listed on the label. Consult <http://resistance.nzpps.org/index.php> for alternative modes of action and details of resistance management strategies (if any) for the crops listed on the label.

## **CONDITIONS OF SALE**

**READ THESE CONDITIONS OF SUPPLY BEFORE BUYING AND USING.**

**IF THESE CONDITIONS ARE UNACCEPTABLE, RETURN AT ONCE UNOPENED.**

This formulation is warranted to contain the specified active ingredient within accepted analytical tolerance when packed. The user bears the risk for damage resulting from factors beyond the manufacturer or registrants control. The manufacturer and registrant decline all liability for damage resulting from improper storage or use of the product.



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