

Label

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Imtrade Mancozeb 800 WP Fungicide

ACTIVE CONSTITUENT: 800 g/kg MANCOZEB

GROUP	M3	FUNGICIDE
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For the control of certain fungus diseases of Fruit, Field Crops, Tobacco, Turf,
Vegetables and Ornamentals as per the Directions for Use Table.

**IMPORTANT: READ THIS LABEL AND THE ATTACHED LEAFLET BEFORE
OPENING OR USING THIS PRODUCT.**

CONTENTS: 25kg

APVMA APPROVAL NO: 57749/53230

Imtrade Australia Pty Ltd
ABN 13 090 151 134

17 Ocean Street, Kwinana, Western Australia 6167
Tel: 1800 171 799 Fax: 1800 171 788
Web: www.imtrade.com.au



PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with chemical or used container.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

Shake the bag contents into spray tank until the bag is empty. **DO NOT** dispose of undiluted chemicals on site. Puncture or shred and bury the empty containers in a local authority landfill. If no landfill is available, bury the containers in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty bags and product should not be burnt.

SAFETY DIRECTIONS

May irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26). Avoid giving alcohol.

MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet which is available from your supplier or Imtrade Australia Pty Ltd website www.imtrade.com.au

CONDITIONS OF SALE

Imtrade Australia Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence 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 Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade Australia Pty Ltd has any authority to add to or alter these conditions.

In a Transport Emergency Dial 000 Police or Fire Brigade	SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111 ALL HOURS – AUSTRALIA WIDE
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APVMA Approval No: 57749/53230

Batch Number:

Date of Manufacture:

Expiry Date: 2 years after Manufacture



Leaflet

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DIRECTIONS FOR USE**RESTRAINTS:****DO NOT** incorporate Imtrade Mancozeb 800 WP Fungicide with an Integrated Mite Control programme.

Crop	Disease Controlled	State	Rate/ha	Rate/100L	WHP Days	Critical Comments
Bananas	Leaf Spot	Qld, NSW, WA only	2.2 to 4.5 kg/ha plus 3.5 to 4.2 L/ha miscible summer oil	200g plus 600 mL miscible summer oil	7	<p>Apply when weather conditions favour disease outbreak. Repeat treatments in accordance with locally recommended spray schedules. Use sufficient water to ensure good coverage.</p> <p>NSW: Ground application – Apply at 3 week intervals from December or January until May. Aerial application – Apply at 7 to 10 day intervals from December or January until May.</p> <p>South QLD: Apply at 3 week intervals from December or January until May.</p> <p>North QLD: Apply every 2 weeks during the wet season. Extend to 3 weeks after this and then every 4 to 5 weeks during the drier months returning to 3 weeks prior to the next wet season.</p>
	Leaf Speckle		2.2kg	200g		
	Cordana Leaf Spot, Fruit Speckle, Black Pit	Qld only	2.2kg			
Beans	Rust and Anthracnose	All States	1.7 to 2.2 kg/ha	150-200g	7	Apply when disease first appears and repeat treatment at 7-10 day intervals. Under severe disease conditions, use shorter spray intervals and higher rate of application.
	Angular Leaf Spot	Qld, NSW, WA only	1.7 to 2.2 kg/ha	150-200g	7	Spray when leaves, flowers or pods on plants first show signs of infection and weather conditions are likely to remain humid or wet and favour disease development. If disease pressure is severe and weather conditions favour the spread of disease, repeat the spray treatment at 2-3 week intervals in order to protect new growth and developing pods. Use the higher rate for dense crops and if disease is severe. Repeat more frequently if severe disease persists. For ground equipment apply 100L/ha; for aircraft apply at least 30L/ha.
Broadbeans (including Faba Beans)	Chocolate Spot (<i>Botrytis fabae</i>)	NSW, Tas, Vic, SA, WA only	1.7 to 2.5 kg/ha			
	Suppression of Leaf Bight (<i>Ascochyta fabae</i>)	NSW, Tas, SA, WA only				
	Rust (<i>Uromyces viciae-fabae</i>)	NSW, Tas, Vic, SA, WA only	1.7 to 2.2 kg/ha			
Carrots	Cercospora Leaf Spot, Alternaria Leaf Spot	All States	1.7 to 2.2 kg/ha	150-200g	7	Spray at first sign of disease, then at 7-10 day intervals. Use the higher rate and shorter spray interval during weather conditions favourable to disease development.
Celery	Septoria Leaf Spot	All States	1.7 to 2.2 kg/ha	150-200g	7	
Chrysanthemum, Gladioli	Botrytis, Septoria Leaf Spot	All States		150-200g		

Crop	Disease Controlled	State	Rate/ha	Rate/100L	WHP Days	Critical Comments
Citrus	Black Spot	Qld, NSW, Vic, SA, Tas, WA only		Dilute Spraying: 200g Concentrate spraying Refer to the mixing/application section	14	Apply by dilute or concentrate spraying equipment. On Heavy Soil: Add 250 mL miscible summer oil spray at 8 and 15 weeks following a Bordeaux spray (5-5-100) at petal fall. On Light Soil: Spray at 6 and 13 weeks following a Bordeaux spray (3.5-3.5-100) at petal fall. Add 250mL miscible summer oil plus 12 mL wetting agent at petal fall. QLD: add 600 mL miscible summer oil and apply at 6 and 12 weeks after petal falling following Bordeaux mixture of 8-8-100. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
	Brown Citrus Mite, Citrus Rust Mite	Qld only				Apply at first sign of mite activity, usually between December and May. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
	Citrus Bud Mite					Apply when blossom malformation is observed, usually February. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
Cucumbers, Cantaloupes, Melons, Squash, Zucchini, Pumpkin	Downy Mildew, Anthracnose, Gummy Stem Blight	All States	1.7 to 2.2 kg/ha	150-200g	7	Apply when disease symptoms first appear and then repeat at 7 to 10 day intervals. Use higher rate and shorter intervals during weather conditions favourable to disease development.
Pumpkin	Septoria Leaf Spot	Qld only				
Lettuce	Downy Mildew, Anthracnose, Septoria Leaf Spot	All States			14	
Grapevies	Downy Mildew	Qld, NSW, ACT, Vic, SA, WA Tas only		Dilute Spraying: 200g Concentrate spraying Refer to the mixing/application section	30	Apply by dilute or concentrate spraying equipment. For Blackspot control apply every 10-14 days starting at bud burst. If downy mildew is expected, continue spray programme at intervals of 10-14 days until the threat of disease has passed. Use the shorter spray interval during weather conditions favourable to disease development. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.

Crop	Disease Controlled	State	Rate/ha	Rate/100L	WHP Days	Critical Comments
Onions	Downy mildew	All States	2.2 to 3.5 kg/ha	150-200g	7	Apply when disease symptoms first appear and then repeat at 7-10 day intervals. Use higher rate and shorter intervals during weather conditions that are favourable to disease development.
	Purple blotch	Qld, NSW, WA only	2.2 to 3.5 kg/ha	150-200g	7	Apply when disease symptoms first appear and then repeat at 7-10 days intervals. Use higher rate and shorter intervals during weather conditions that are favourable to disease development.
Mangoes	Anthrachnose (<i>Collectotrichum gloeosporidoides</i>)	Qld and WA only		Dilute Spraying: 200g Concentrate spraying Refer to the mixing/ applications section	14	Apply by dilute or concentrate spraying equipment. Spray at weekly intervals during flowering then monthly until near harvest. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
Passionfruit	Brown Spot (<i>Alternaria passiflorae</i>), Septoria Leaf Spot	Qld only		Dilute Spraying: 150g Concentrate spraying Refer to the mixing/ application section	14	Apply by dilute or concentrate spraying equipment. Apply at 10-14 day intervals from October to May and every 21-28 days fro the remainder of the year. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
Peanuts	Cercospora Leaf Spot, Peanut Rust	NSW, Qld, WA only	1.7 to 2.2 kg		14	Apply at intervals of 10-14 days, starting when the disease symptoms first appear. If rust in anticipated, apply at 7 to 10 day intervals. Use the higher rate and the shorter spray interval during weather conditions favourable to disease development. DO NOT graze livestock on peanut crops treated with this product or feed treated crops and/or trash to livestock.
Pome Fruit, Apples & Pears	Black Spot, Target Spot, Bitter Rot, Fly Speck, Sooty Blotch	All States		Dilute Spraying: 150-200g Concentrate spraying Refer to the mixing/ application section	14	Apply by dilute or concentrate spraying equipment. Apply at 7-14 day intervals following a cover spray at green tip. Use higher rate or shorter interval between sprays where conditions favour disease. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
Potatoes	Early and Late Blight	All States	1.7 to 2.2kg	150-200g	7	Apply when disease symptoms first appear and then repeat at 7-10 day intervals. Use the higher rate and shorter intervals during weather conditions that are favourable to disease development.
Roses	Black Spot	All States		150-200g		

Crop	Disease Controlled	State	Rate/ha	Rate/100L	WHP Days	Critical Comments
Stone Fruit Peaches, Apricots, Plums (except for early plums such as Wilson)	Rust , shot hole or freckle	All States		Dilute Spraying: 150-200g Concentrate spraying Refer to the mixing/ application section	14	Apply by dilute or concentrate spraying equipment. Spray at early bloom (1-10%), mid to full bloom (50-100%), petal fall and shuck fall, then at intervals of 14 days. Continue with a protective spray programme at 2 week intervals. Apply the same total amount of product to the target crop whether applying by dilute or concentrate spraying methods.
	Brown rot	Vic Tas, SA, NSW WA only				
		SA, Tas, WA only				
		SA only				
Nectarines		Tas, Vic, WA only				
Almonds						
Cherries						
Tobacco (Field)	Blue mould, brown spot	Qld, NSW, Vic WA only	2.2kg	200g	7	Field treatment: apply at 7 day intervals commencing 10 days after transplanting and ceasing 7 to 10 days before the first harvest. Increase spray volume accordingly as plant size increases. Seed bed treatments: Apply when seedlings are 1.5cm across ad then repeat twice weekly. Wet the seedlings evenly without run-off.
	Frog eye leaf spot	Qld only	2.1kg	200g		
Tomatoes	Early and late blight, leaf mould, anthracnose	All States	2 to 3kg	150-200g	14	Apply when disease symptoms first appear and then repeat at 7-10 day intervals. Use higher rate and shorter intervals during weather conditions that are favourable to disease development.
Vegetables Beetroot, Silver Beet, Spinach	Cercospora Leaf Spot, Downy Mildew	All States	1.7 to 2.2 kg	150-200g	14	Apply when disease symptoms first appear and then repeat at 7-10 day intervals. Use higher rate and shorter intervals during weather conditions that are favourable to disease development.
Brussels Sprouts, Cabbage, Cauliflower	Downy Mildew, Anthracnose, Alternaria Spot, Ring Spot	NSW, WA, Tas, SA, Qld only			7	
Broccoli						
Rhubarb	Rust	Tas only				
	Downy Mildew	All States				

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

WITHHOLDING PERIOD:

Bananas, Beans, Broccoli, Brussels Sprouts, Cabbage, Cantaloupe, Carrots, Cauliflower, Celery, Cucumber, Melon, Onions, Potatoes, Pumpkins, Squash, Tobacco, Zucchini: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

Almonds, Apples, Apricots, Beetroot, Citrus, Lettuce, Mangoes, nectarines, Passionfruit, Peaches, Peanuts, Pears, Plums, Rhubarb, Silver Beet, Spinach, Tomatoes: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION
Grape: DO NOT HARVEST FOR 30 DAYS AFTER APPLICATION

DO NOT GRAZE LIVESTOCK ON PEANUT CROPS TREATED WITH IMTRADE MANCOZEB 800 WP FUNGICIDE OR FEED TREATED CROPS AN/OR TRASH TO LIVESTOCK

GENERAL INSTRUCTIONS

Before opening carefully read Safety Directions, First Aid Instructions, Directions for Use, Storage and Disposal and Protection Statements.

Imtrade Mancozeb 800 WP Fungicide is a protectant fungicide for the certain diseases of many crops. For best results, apply as a regular spray programme. Thorough coverage of the treated crop is essential.

APPLICATION

Dilute spraying:

- Use a sprayer designed to apply high volumes of water up to the point of run-off
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to 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 required amount of product specified in the Directions for Use for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change as 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. E.g. Low volume air blast.
- Set-up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine the appropriate dilute spray (see dilute spraying above) for 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 1500L/ha
- Your chosen concentrate spray volume: for example 500L/ha
- The concentration factor in the example is: $3 \times$ (i.e. $1500L \div 500L = 3$)
- If the dilute label rate is 10 mL/100L, then the concentrate rate becomes 3×10 , 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 the relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices

Aerial Application:

Use at least 30 to 50L/ha of spray mixture per hectare (refer to Directions for Use Table).

Spray Timing

Treatments should begin prior to disease infection and continue until the threat of disease passes. Repeated applications may be required to protect new growth. Reduce the spray interval when weather conditions favour disease development.

FUNGICIDE RESISTANCE WARNING:

GROUP	M3	FUNGICIDE
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For fungicide resistance management Imtrade Mancozeb 800 WP Fungicide is a Group **M3** Fungicide. Some naturally occurring individual fungi resistant to Imtrade Mancozeb 800 WP Fungicide and other Group **M3** 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. Imtrade Mancozeb 800 WP Fungicide and other Group **M3** Fungicides will not control these resistant fungi, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of Imtrade Mancozeb 800 WP Fungicide to control resistant fungi.

MIXING

Add the required amount of this product to the spray tank as it is being filled or premix for concentrate and aerial spraying. Add other products after Imtrade Mancozeb 800 WP Fungicide is in suspension. Continue agitation while spraying to prevent product settling out. Rinse out spray tank, pumps, nozzles at the end of the day.

COMPATIBILITY

This product may be harmful to *Typlodromus pyri* and its use in orchards where integrated pest control is practiced should be avoided.

Imtrade Mancozeb 800 WP Fungicide is compatible with most commonly used insecticides and miticides such as Azinphos, Carbaryl, Dicofof, Endosulfan, Pirimicarb, Propargite, Sulphur Powder, Wetting Agent or Spreader-Sticker. Also compatible with D-C-Tron*.

The user is advised to check the label recommendation for the companion product before preparing tank mixes.

SURFACTANTS

The addition of surfactants will improve initial spray deposits, fungicide redistribution and weatherability. Refer to manufacturers label instructions for further details.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Shake the bag contents into spray tank until the bag is empty. **DO NOT** dispose of undiluted chemicals on site. Puncture or shred and bury the empty containers in a local authority landfill. If no landfill is available, bury the containers in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty bags and product should not be burnt.

SAFETY DIRECTIONS

May irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. Do not inhale dust or spray mist. Wash hands after use.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26). Avoid giving alcohol.

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