

### GENERAL INSTRUCTIONS

Before opening, carefully read Directions for Use, Precautionary Statements, Safety Directions and First Aid Instructions.

### STORAGE AND DISPOSAL (20L & 200L only)

Store in the closed, original container in a dry, well-ventilated area, as cool as possible out of direct sunlight. Triple or preferably pressure 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 bury empty containers in a local authority landfill. If not available bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

### FOR REFILLABLE CONTAINERS (1000L only)

Empty contents into application equipment. Close all valves and return to point of supply for refill or storage.

### DISPOSAL OF SPILLAGES

Hose small (less than 1L of the concentrate) spills away with large amounts of water. Large spillages should not be directed into drains. Instead, absorb in sawdust or sand and the absorbent material containing Imtrade ChemPhos 400 Fungicide disposed of in a sealed container at a licensed tip.

### SAFETY DIRECTIONS

Corrosive. Attacks eyes, nose, throat and skin. Avoid contact with eyes and skin and clothing. **DO NOT** inhale vapour or spray mist. When preparing product for use wear cotton overalls buttoned to the neck and wrist and a washable hat and rubber apron and face shield and chemical resistant footwear. If clothing becomes contaminated with product remove clothing immediately. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and face shield and contaminated clothing.

## CAUTION

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



# IMTRADE CHEMPHOS 400 FUNGICIDE

**ACTIVE CONSTITUENT: 400 g/L PHOSPHOROUS ACID**

**GROUP 33 FUNGICIDE**

**For control of phytophthora  
disease and downy mildew in the  
various situations described in  
the Directions for Use Table.**

**IMPORTANT: READ THE ATTACHED  
LEAFLET BEFORE USING THIS PRODUCT**



Imtrade Australia Pty Ltd  
ABN 13 090 151 134  
17 Ocean Street, Kwinana WA 6167  
Tel: 1800 171 799 Fax: 1800 171 788  
Web: [www.imtrade.com.au](http://www.imtrade.com.au)



### FIRST AID

If poisoning occurs, contact a Doctor or Poisons Information Centre (Phone Australia 13 11 26).

### MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from your supplier or Imtrade Australia Pty Ltd website at [www.imtrade.com.au](http://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**

**CONTENTS 20L**  
APVMA APPROVAL NO: 54077/20L/0909

**CONTENTS 200L**  
APVMA APPROVAL NO: 54077/200L/0909

**CONTENTS 1000L**  
APVMA APPROVAL NO: 54077/1000L/0909

**Batch No:**

**Date of Manufacture:**

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**DIRECTIONS FOR USE**

**RESTRAINTS: DO NOT** apply Imtrade ChemPhos 400 Fungicide at volumes that cause excessive runoff.

<b>Crop and Situation</b>	<b>Disease</b>	<b>State</b>	<b>Rate</b>	<b>Comments</b>
<b>Avocado</b>	Phytophthora Root Rot	Qld, NSW, Vic, SA, WA only	<b>Trunk Injection:</b> <b>Skeletal Trees 1<sup>st</sup> Year</b> 7.5 mL undiluted product/metre of canopy diameter. <b>Other situations:</b> 3.75 mL product diluted with 7.5 mL water/metre of canopy diameter	Inject trees at spring flush maturity. Repeat treatment in February or March. Drill holes 5mm in diameter and 25-50mm deep with slight downward angle in the trunk. Syringes should be placed in the main trunk of the tree and spaced evenly around the circumference of the trunk. Suitable for use with an Ag-Muri gun or by hydraulic tree injection. <b>DO NOT</b> prune back trees before the injection process as burning of new growth may occur. <b>DO NOT</b> inject trees in winter months. <b>DO NOT</b> cut back the canopy of injected trees. <b>DO NOT</b> add any other material other than water to Imtrade ChemPhos 400 Fungicide for tree injection. <b>DO NOT</b> inject more liquid in fewer syringes than directed.

Crop and Situation	Disease	State	Rate	Comments
<b>Citrus: Young or Small</b>	Phytophthora Root & Collar Rot	All States	2.5-5 mL to leaf wetness by boom or similar high volume sprayer	Two applications recommended: 1. Late Winter prior to flowering 2. Autumn applied to mature fruit. Repeat applications annually to maintain protection of the plant. Removal of fruit from affected plant will assist recovery depending on conditions at the time of application. Use Imtrade Penetrate Wetter in conjunction with Imtrade ChemPhos 400 Fungicide.
<b>Citrus: Mature</b> Well Established High Disease Incidence Poor Drained Soil			20L/ha in 3000-4000L water 75 mL/12L per tree	For effective control apply as a protectant before above ground symptoms of decline and collar rot become evident. Spray trees for even coverage. <b>DO NOT</b> apply under high temperatures (above 35°C), particularly if humidity is low or trees are moisture stressed. <b>Warning:</b> Young, container grown mandarin trees may develop leaf burn and have restricted growth following foliar application or soil drench of Imtrade ChemPhos 400 Fungicide when treated at the rates recommended for established trees.
<b>Citrus: Mature</b> Low Phytophthora pressure Well Drained Soil			12.5L/ha in 2000-5000L of water 50mL/12L per tree	

Crop and Situation	Disease	State	Rate	Comments
Grapes	Downy Mildew	All States	<p><b>Dilute Spraying</b> 300 mL/100L water</p> <p><b>Concentrate Spraying</b> Refer to the Mixing / Application section</p>	<p>Apply by dilute spraying equipment. It is essential that the rate of Imtrade ChemPhos 400 Fungicide is adjusted to the vine-row volume (i.e. the volume of vine foliage/ha). Spray timing is critical. For best results apply Imtrade ChemPhos 400 Fungicide as a tank mix with protectant fungicides such as mancozeb/dithane, copper oxychloride etc, to ensure both pre and post infection activity. Imtrade ChemPhos 400 Fungicide should be applied at times of high disease risk, especially between the time that conditions are conducive to downy mildew infection and the appearance of oil spots. Ensure spray coverage is adequate and that the appropriate rate of Imtrade ChemPhos 400 Fungicide is applied to match vine growth (particularly from mid season onwards).</p> <p><b>NOTE:</b> Imtrade ChemPhos 400 Fungicide should be applied as close as possible to the day of infection and alternated with other systemic fungicides. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</p>

<b>Crop and Situation</b>	<b>Disease</b>	<b>State</b>	<b>Rate</b>	<b>Comments</b>
<b>Ornamentals</b>	Phytophthora Root & Collar Rot	All States <b>except</b> SA	2.5 mL/1L (Boom or Knapsack) 5 mL/1L (Airblast)	Apply at 4-6 weekly intervals when conditions favour disease development to avoid phytotoxicity with some plant species. It is recommended that the product be tested on a few plants of each species prior to main application.
<b>Pineapple</b>	Phytophthora Root Rot	Qld, WA only	6L/ha 1200-1500L water	Apply to tops 2 weeks prior to harvest of planting material.
<b>Subterranean Clover</b>		NSW, Vic, Tas, SA, WA only	750 mL/ha	Apply 8-9 days after first irrigation but before second irrigation. Apply in autumn when subterranean clover is at the cotyledon to unifoliate leaf growth stage.

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

**WITHHOLDING PERIOD:**

**SUBTERRANEAN CLOVER: DO NOT GRAZE OR FEED TO LIVESTOCK FOR 14 DAYS AFTER TREATMENT.**

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## MIXING / APPLICATION

### Dilute Spraying:

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the 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 amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed.

### Concentrate Spraying:

- (a) 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.
- (b) Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- (c) Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- (d) The Mixing rate for concentrate spraying can then be calculated in the following way;

### EXAMPLE ONLY

- (1) Dilute spray volume as determined above. For example 1500L/ha.
  - (2) Your chosen concentrate spray volume. For example 500L/ha.
  - (3) The concentration factor in this example is:  $3 \times$  (i.e.  $1500\text{L}/500\text{L} = 3$ ).
  - (4) If the dilute label rate is 10 mL/100L, then the concentrate rate becomes  $3 \times 10$ , that is 30 mL/100L of concentrate spray.
- (e) 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.
  - (f) Do not use a concentrate rate higher than that specified in the Critical Comments.
  - (g) For further information on concentrate spraying, users are advised to consult relevant guidelines, undertake appropriate competency training and follow industry Best Practices.

## FUNGICIDE RESISTANCE WARNING

### GROUP **33** FUNGICIDE

Imtrade ChemPhos 400 Fungicide is a member of the Multi-site Activity group of fungicides. For fungicide resistance management Imtrade ChemPhos 400 Fungicide is a Group **33** Fungicide. Some naturally occurring fungal populations resistant to Imtrade ChemPhos 400 Fungicide and other Group **33** 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 Imtrade ChemPhos 400 Fungicide and other Group **33** 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, Imtrade Australia Pty Ltd accepts no liability for any losses that may result from the failure of Imtrade ChemPhos 400 Fungicide to control resistant fungi.

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