

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



**Active Constituent: 200 g/kg COPPER, present as tribasic copper sulphate**

**GROUP Y FUNGICIDE**

A water dispersible granule fungicide for the control of fungal and bacterial diseases of fruit, as per Directions For Use table

**ALWAYS READ THE LABEL AND USE ONLY AS DIRECTED**

Net Contents 5 kg, 10 kg, 20 kg, 25 kg

Distributed by: ATOFINA (Australia) Pty Ltd  
270 -280 Hammond Rd,  
Dandenong Sth, VIC, 3175  
ACN 000 330 772

Manufacturer: Elf Atochem Agri SA,  
1 rue des Frères Lumière B.P.9,  
78373 PLAISIR, Cedex, France

Marketed by: NUFARM AUSTRALIA LIMITED, ACN 004 377 780  
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ONLY IN EMERGENCY  
**CALL 1 800 033 498 ALL HOURS**  
Refer to Material Safety Data Sheet

## Directions For Use:

### Restrains

- DO NOT spray this product when hot conditions (>35°C) or frosts occur as damage may result
- DO NOT use this product on copper sensitive crops or varieties.
- DO NOT apply when slow drying conditions prevail.
- DO NOT apply to wet crops.
- DO NOT apply if rain is likely before the spray is dry

CROP	DISEASE	STATE	RATE per 100 L	CRITICAL COMMENTS
Apricots	Shothole ( <i>Stigminta carpophila</i> ), Freckle( <i>Venturia carpophila</i> )	ALL STATES	<b>Dilute Spraying</b> 500 g <b>Concentrate Spraying</b> Refer to the Application section	Apply at bud swell but before the earliest sign of leaf/bud movement. Apply at least one post harvest spray. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
Cherries, Peaches, Nectarines, Plums	Shothole ( <i>Stigminta carpophila</i> )	ALL STATES	<b>Dilute Spraying</b> 500 g <b>Concentrate Spraying</b> Refer to the Application section	Apply at bud swell but before the earliest sign of leaf/bud movement. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
Apricots, Cherries	Bacterial gummosis ( <i>Pseudomonas syringae</i> )	ALL STATES	<b>Dilute Spraying</b> 625 g <b>Concentrate Spraying</b> Refer to the Application section	<b>Autumn:</b> Apply at 25-50% leaf fall and again at 90-100% leaf fall. <b>Winter:</b> Apply in mid-winter. <b>Spring:</b> Apply at first sign of bud movement. Repeat application 7 to 10 days later. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
		NSW only	<b>Dilute Spraying</b> 500 g <b>Concentrate Spraying</b> Refer to the Application section	
		NSW, VIC, TAS, SA, WA only	<b>Dilute Spraying</b> 312 g <b>Concentrate Spraying</b> Refer to the Application section	

**(Directions for use continued)**

CROP	DISEASE	STATE	RATE per 100 L	CRITICAL COMMENTS
Oranges	Black Spot ( <i>Guignardia citricarpai</i> ), Melanose ( <i>Diaporthe citri</i> ), Smoky Blotch ( <i>Gloeodes pomigena</i> )	ALL STATES	<b>Dilute Spraying</b> 500 g <b>Concentrate Spraying</b> Refer to the Application section	Spray at petal fall. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
		QLD	As above 500 g + 600 mL Polyphase or Miscible oil	Apply at 50 to 75 percent petal fall Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
Nectarines Peaches Almonds	Leaf Curl ( <i>Taphrina deformans</i> )	ALL STATES	<b>Dilute Spraying</b> 500 g <b>Concentrate Spraying</b> Refer to the Application section	CORRECT TIMING IS CRITICAL FOR EFFECTIVE CONTROL. Apply when buds are swelling but BEFORE AND WITHIN ONE WEEK OF BUD OPENING. For a given variety the timing of bud opening will vary from year to year, depending on the weather and in any year it will vary between varieties. Thus the bud development of each variety in the orchard should be monitored each year to determine the correct time of application. Blocks containing more than 1 variety may need to be treated more than once, to treat each variety at the correct time. Where Leaf Curl is or is likely to be a severe problem, based on previous experience, the following programme should be followed: <ol style="list-style-type: none"> <li>1. AUTUMN apply at leaf fall</li> <li>2. Apply at FIRST SIGN of BUD SWELL and REPEAT ONE WEEK LATER. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.</li> </ol>
Pears	Black spot (scab) ( <i>Venturia pirina</i> )	ALL STATES	<b>Dilute Spraying</b> 500 g <b>Concentrate Spraying</b> Refer to the Application section	Spray at green tip and repeat 10 to 14 days later if conditions allow infection. If conditions allow infection i.e. extended wet weather, consult local Department Spray Charts or authorities for specific recommendations on timing, rates and precautions that may be necessary. Before applying to recently introduced varieties ascertain their tolerance of copper sprays from relevant authorities. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.
Vines	Downy Mildew ( <i>Plasmopara viticola</i> )	ALL STATES	<b>Dilute Spraying</b> 400 g <b>Concentrate Spraying</b> Refer to the Application section	First spray when shoots are 10 cm long and re-apply as necessary, particularly when infection levels are high. Apply by dilute or concentrate spraying equipment. Apply the same total amount of product whether applying this product by dilute or concentrate spraying methods.

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

**WITHHOLDING PERIOD:**

**ALL CROPS: DO NOT HARVEST FOR ONE DAY AFTER APPLICATION.**

**GENERAL INSTRUCTIONS:**

Cuprofix® Disperss Bordeaux Mixture is a dry flowable fungicide that provides a pH neutral spray mix. Before opening, carefully read Directions For Use, Precautionary Statements, Safety Directions and First Aid. This product is a protectant fungicide for the control of certain fungus and bacteria diseases in fruit.

**MIXING:**

The recommended quantity may be added directly to the water in the partially filled spray vat with the agitators running. Top up with water to the required volume. If this product is to be used in a mixture with an emulsifiable concentrate add it after making the emulsion. Keep agitating during use and agitate thoroughly after stoppage and before recommencing spraying.

**APPLICATION:**

Apply sufficient spray volume to wet all leaf surfaces to the point of runoff. The spray equipment should be adjusted so that the spray is evenly distributed, thoroughly covering all plant surfaces. Hand-held spraying equipment should be avoided if it could result in an excessive application of sprayed product.

**Tree Crops and Grape Vines**

**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 point 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 as the crop grows.

### Concentrate Spraying

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applied water volumes less than those required to reach 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 using your chosen water volume.
- Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can be then calculated in the following way:

#### EXAMPLE ONLY

1. Dilute spray volume as determined above: For example 1000 L/ha
  2. Your chosen concentrate spray volume: For example 250 L/ha
  3. The concentration factor in this example is: 4 X (i.e.  $1000 \text{ L}/250 \text{ L} = 4$ )
  4. If the dilute label rate is 250 mL/100 L, then the concentrate rate becomes 4 x 250, that is 1 L/100 L of concentrate spray.
- The chosen spray volume, amount of product per 100 L of waster, 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 relevant industry guidelines, undertake competency training and follow industry Best Practices.

#### COMPATIBILITY:

This product is compatible with formulations of most commonly used fungicides, insecticides and miticides.

### FUNGICIDE RESISTANCE WARNING

GROUP	Y	FUNGICIDE
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Cuprofix® Disperss Bordeaux Mixture is a member of the Multi-site activity group of fungicides. For fungicide resistance management Cuprofix® Disperss Bordeaux Mixture is a Group Y fungicide.

Some naturally occurring individual fungi resistant to Cuprofix® Disperss Bordeaux Mixture and other Group Y 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 Cuprofix® Disperss Bordeaux Mixture and other Group Y 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, Atofina (Australia) Pty Limited accepts no liability for the losses that may result from the failure of Cuprofix® Disperss Bordeaux Mixture to control resistant fungi.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE ENVIRONMENT:**

DO NOT contaminate streams, rivers or waterways with chemical or used containers.

## **STORAGE AND DISPOSAL:**

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight and away from children, animals, food, feedstuffs, seed and fertilizers. Shake empty bag into the spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred and bury empty containers in a local authority landfill that does not burn its refuse. If there is no local authority landfill readily available in your area, bury the containers at a depth of 500mm or more at an approved disposal site or bury under at least 500mm of soil in a non-crop, non-pasture area away from water sources, homes, desirable vegetation and tree roots. Do not burn empty containers or product.

## **SAFETY DIRECTIONS:**

Harmful if swallowed. Will irritate the eyes, nose, throat and skin. Avoid contact with eyes and skin. When using the product wear elbow-length PVC gloves. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use wash gloves and contaminated clothing.

## **FIRST AID:**

If poisoning occurs, contact a Doctor or Poisons Information Centre – Phone 131126. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

## **MATERIAL SAFETY DATA SHEET:**

Additional information is listed in the Material Safety Data Sheet that can be obtained from the supplier.

## **CONDITIONS OF SALE:**

“Nufarm Limited (‘Nufarm’) 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 Nufarm’s skill or judgment in purchasing or using the same and very person dealing with this product does so at his own risk absolutely. No representative of Nufarm has any authority to add to or alter these conditions ”.

## **Emergency Advice**

Phone 1800 033 498 and ask for shift supervisor.

**NRA Approval No: 52531/0801**