



# Peratec Fungicide

## Disease Applications for Fruit & Vegetables

**PRODUCED  
TO REACT &  
DISAPPEAR**

### Technical Manual

***"The only solution  
that KILLS it in  
24 hours!"***

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# BOTRYTIS, POWDERY & DOWNY MILDEW... THE OVERVIEW

Bunch rot caused by the fungus **Botrytis cinerea** is a major disease of grapes in many grape growing areas of Australia that causes millions of dollars of crop loss as well as a reduction in wine quality. It is the most difficult fungal disease to control, particularly when wet weather occurs around harvest.

A great deal of research has been conducted on the fungus both in Australia and overseas. We know that fruit is infected at flowering with the infections in berries remaining dormant until they start to ripen. It is uncertain what factors activate the latent infections and cause the berries to rot. However these berries and old infected flower parts are considered the major source of Botrytis spores that spread the disease to other berries in the cluster.

**Powdery Mildew** is insidious - it 'sneaks' along inside the canopy until it 'suddenly' appears, potentially causing problems, anxiety and cost! It is caused by the fungus *Erysiphe necator* (formerly *Uncinula necator*) which arrived in Australia in the 1860's. Grapevines were grown since the First Fleet in 1788, so Australia was powdery-free for 70-80 years. It is a 'dry weather but high humidity disease' favoured by mild cloudy weather. It could be called powdery-dry mildew because it develops in the absence of free-water, in contrast to down-hill mildew which needs free water for infection.

**Downy Mildew** needs warmth and water. As for most algae, in most stages of its life cycle, take away water and it will die. As a reminder of its dependence on free-water and because water runs downhill, think of downy as 'down-hill mildew'. In contrast, we may call the other mildew 'powdery-dry' mildew because it grows in the absence of free water. Periods of high risk from downy can be determined by monitoring the vineyard microclimate for factors such as temperature, rainfall, relative humidity (RH) and leaf wetness. This allows optimum timing of control actions when they are needed, and gives confidence to withhold sprays when not.

## MODE OF ACTION:

Peratec Fungicide utilises peroxygen chemistry that has been specifically formulated for Agricultural field crops and broad hectare crops and non-food crops. This is a 'New' and 'Established' tool to fight against Botrytis, Powdery & Downy Mildew, Phytophthora and other similar diseases across 21 different types of plants. The Grape growing industry has been the biggest success story in recent times from Peratec Fungicide. Peratec Fungicide will not harm the environment or pose a risk to human health and safety.

Peratec Fungicide targets the disease, kills it, and then dissipates into air and water. Making it completely Bio-degradable with no lasting residue.

## APPLICATION GUIDELINES:

### Curative:

Apply immediately at first signs of infection. Spray diseased plants using a concentration of 1L Peratec Fungicide to 100L of water.

### Non-residual:

Product can be sprayed up to the day of harvest. Peratec Fungicide is effective immediately resulting in the drying up of all infected fruit, as is evident by the enclosed photo's.

### Preventative:

Apply immediately at first signs of infection. Spray diseased plants using a concentration of 1L Peratec Fungicide to 100L of water.

### Coverage:

Spray at the rate of 1000L/hectare to run off. Works best a non-ionic wetter.

### DISEASE TARGETING:

Product can be sprayed up to the day of harvest. Peratec Fungicide is effective immediately resulting in the drying up of all infected fruit.

### The rule of thumb - the Three T's of good spray application:

Type, Timing and Technique. Like three links in a chain, ensure each factor in spraying is of good quality for good management.

### Mixing:

Reduced results may occur if hard water or water containing suspended clay or organic matter is used. Use the spray mix within 24 hours of preparation.



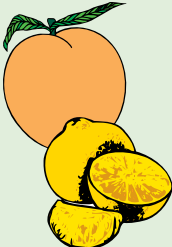

### Compatibility:

Do not mix with other fungicides or pesticides.

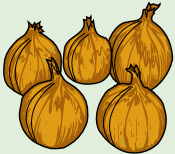





FEATURES	BENEFITS
Visible results	Extremely quick acting 10-30min
Fast & effective acting 10-30min	24 hour withholding period
Dissipates into Air & Water	Non residual
	Environmentally friendly
	Botrytis control close to harvest
Registered in all states	Compliance across Australia & NZ
	Complies with industry standards
	Dramatic reduction in laccase levels in must
Long use by date	"Gives the grower/farmer more time to KILL the infestation"








# Disease Application Rates & Directions for use on Fruit & Vegetables




## Tree, Bush & Vine Crops

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Beans</b> 	Anthracnose  Downy Mildew Powdery Mildew Rust	1:100  1:100-1:300 1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.  2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate.  <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Broccoli</b> <b>Cauliflower</b> <b>Cabbage</b> 	Alternaria Leaf Spot  Downy Mildew Powdery Mildew	1:100  1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.  2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate.  <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Citrus</b> 	Rust Scab Powdery Mildew Brown Rot Phytophthora	1:100  1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.  2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Pre Bloom:</b> Begin applications at 0.75- 1.25cms green tip and continue on a five to seven day schedule through bloom.  <b>Curative:</b> Spray diseased trees using a 1:100 rate and continue treatments on five to seven day intervals.  <b>Preventive:</b> Spray once a week until harvest.
<b>Cucurbits</b> 	Alternaria Leaf Spot Anthracnose Downy Mildew Powdery Mildew Pythium Rot	1:100  1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.  2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate.  <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.




Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Onions</b> 	Botrytis Downy Mildew Powdery Mildew	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Peppers</b> 	Anthracnose Phytophthora Blight Powdery Mildew	1:100 1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Potatoes</b> 	Early Blight  Late Blight	1:100 1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Seed Potatoes</b> 	Fusarium	1:50 1:100-1:300	1.0L per 50L of water. 5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Dip whole or cut tubers into tank of working solution. Let soak for a period of five minutes before removing seed pieces.
<b>Tomatoes</b> 	Anthracnose Cladosporium Mould Early Blight Late Blight Powdery Mildew	1:100 1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Ornamentals</b> 	Botrytis Downy Mildew Powdery Mildew Phytophthora Black Spot	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.


Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Apples</b> 	Rust Scab Powdery Mildew	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom.
<b>Filberts</b> 	Eastern Filbert Blight Bacterial Blight	1:100 1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom.
<b>Bananas</b> 	Sigatoka	1:100 1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:1200 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Grapes</b> 	Botrytis Downy Mildew Powdery Mildew Black Rot	1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre. 2.5-5.0L Peratec per 500L of water; apply 250-500L of spray per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Blueberries</b> 	Phytophthora	1:100-1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Peaches</b> 	Downy Mildew Powdery Mildew Brown Rot Curley Leaf	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom. <b>Curative:</b> Spray diseased trees using a 1:100 rate and continue treatments on five to seven day intervals.
<b>Plums</b> 	Downy Mildew Powdery Mildew Brown Rot Curley Leaf	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom. <b>Curative:</b> Spray diseased trees using a 1:100 rate and continue treatments on five to seven day intervals.

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Cherries</b> 	Downy Mildew Powdery Mildew Brown Rot Curley Leaf	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom. <b>Curative:</b> Spray diseased trees using a 1:100 rate and continue treatments on five to seven day intervals.
<b>Nectarines</b> 	Downy Mildew Powdery Mildew Brown Rot Curley Leaf	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom. <b>Curative:</b> Spray diseased trees using a 1:100 rate and continue treatments on five to seven day intervals.
<b>Prunes</b> 	Downy Mildew Powdery Mildew Brown Rot Curley Leaf	1:100	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.75-1.25cms green tip and continue on a five to seven day schedule through bloom. <b>Curative:</b> Spray diseased trees using a 1:100 rate and continue treatments on five to seven day intervals.





### Spray Treatments for Newly Harvested Potatoes Before Storage

<b>Potatoes</b> 	Fusarium Tuber Rot	1:50-1:100	100-50mls Peratec per litre of water. <b>S</b> 3L Peratec per 500L of water; apply 250-500L of spray solution per acre.	Spray diluted on tuber to run off to achieve full and even coverage. Additional surfactant can be added as needed to aid in sticking. Use 5-10L of water per tonne of potatoes.
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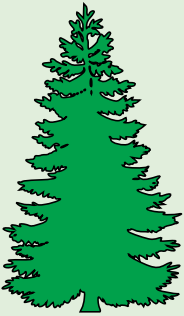
### Direct Injection Into Humidication Water for Post Harvest Potatoes in Storage

<b>Potatoes</b> 	Fusarium Tuber Rot Bacterial Soft Rot Silver Scurf	1:100-1:300	100-50mls Peratec per litre of water. <b>S</b> 3L Peratec per 500L of water; apply 250-500L of spray solution per acre.	Inject concentrate into make-up water used in humidication of post harvest potatoes in Storage.
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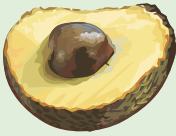
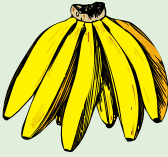

## Broadacre Crops

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Canola</b> 	Black Leg (Leptosphaeria spp)  Downy Mildew (Peronospora spp)	1:100	1.0 - 2.0 L Peratec per acre in a minimum of 50 L water per acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.
<b>Cereals</b> (including, but limited to: barley, oats, wheat) 	Leaf Rust (Puccinia spp)  Powdery Mildew (Blumena spp)  Stripe Rust Stem Rust (Puccinia spp)	1:100	1.0 - 2.0 L Peratec per acre in a minimum of 50 L water per acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.
<b>Pulse Crops</b> (including, but limited to: chick pea, faba bean, field pea, lupin) 	Cercospora Leaf Spot (Cercospora spp)  Downy Mildew (Peronospora spp)  Leaf Blight, Stem Blight & Chocolate Spot (Ascochyta spp, Mycosphaerella)	1:100  1:100-1:300	1.0 - 2.0 L Peratec per acre in a minimum of 50 L water per acre.  1.0 L Peratec per acre in a minimum of 50 L water per acre.	<b>Curative:</b> Spray diseased trees using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.  <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:1200 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Tree Nuts</b> (almonds, chestnuts, hazelnuts, macadamias, pecans, pistachios, walnuts) 	Alternaria Leaf Spot Anthracnose Husk Spot Powdery Mildew Rust Scab Septoria Spot	1:100	1.0 - 2.0 L Peratec per acre in a minimum of 50 L water per acre.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that the stems and leaves (especially the flag leaf) are fully covered.

## Non-food Crops

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Forestry</b> (pines, gums) 	Powdery Mildew (Ordium spp)  Stripe Rust Stem Rust (Puccinia spp)  Cercospora Leaf Spot (Cercospora spp)	1:100  1:100 - 1:300	5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.  2.5 - 5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.  <b>Preventative:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.

## Tree, Bush & Vine Crops

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Avocados</b> 	Anthracnose (Colletotrichum spp)  Phytophthora Rot (Phytophthora spp)	1:100  1:300	5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.  2.5 - 5.0 L Peratec per 500 L of water; apply 1200 L of spray solution per acre and then at 250-500 L/acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:1200 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Bananas</b> (including, but limited to: barley, oats, wheat) 	Black Sigatoka (Mycosphaerella spp)	1:100  1:300	5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.  2.5 - 5.0 L Peratec per 500 L of water; apply 1200 L of spray solution per acre and then at 250-500 L/acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:1200 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Leafy Vegetables</b> (brassica leafy vegetables, chicory, endive, lettuce, radicchio, silverbeet, spinach)	Cercospora Leaf Spot  Downy Mildew (Peronospora spp)  White Blister	1:100	1.0 L Peratec to 2.01 L per 100 L of water.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that all foliage is covered.
<b>Legume Vegetables</b> (beans, peas, snow peas) 	Cercospora Leaf Spot  Rust  Downy Mildew	1:100	1.0 L Peratec to 2.01 L per 100 L of water.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that all foliage is covered especially towards the new growth of plants.
<b>Root &amp; Tuber Vegetables</b> (beetroot, carrots, radish, parsnip, potatoes, swede, sweet potatoes, turnip)	Bacterial Spot Cercospora Leaf Spot Downy Mildew Late Blight Target Spot	1:100	1.0 L Peratec to 2.01 L per 100 L of water.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that all foliage is covered.

## Foliar Application






<b>Stem &amp; Stalk Vegetables</b> (asparagus, celery, rhubarb)	Fusarium Stem Rot Cercospora Blight Downy Mildew Rust Septoria Spot	1:100	1.0 L Peratec to 2.01 L per 100 L of water.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that all foliage is covered especially towards the new growth of the plants.
<b>Herbs &amp; Spices</b>	Cercospora Leaf Spot Downy Mildew White Blister	1:100	1.0 L Peratec to 2.01 L per 100 L of water.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that all foliage is covered.

## Post Harvest Application

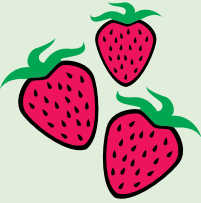
<b>Fruits, Nuts &amp; Vegetables</b>	Storage Rots Transit Rots	1:100	1.0 L Peratec to 2.01 L per 100 L of water.	Apply one post harvest application (dip). Use higher rate on heavy infestations. When using the product in enclosed situations, wear appropriate protective clothing, goggles & and a respirator.
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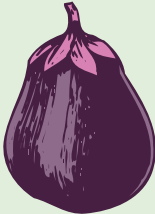

## Foliar Application

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Pome Fruits</b> (apples, nashi, pears) 	Apple & Pear Scab (Venturia spp)  Powdery Mildew (Podosphaera spp)	1:100	5.0 - 2.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.5-1.0 cm green tip and continue on a five to seven day schedule through bloom.  <b>Curative:</b> Spray diseased trees using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.
<b>Stone Fruits</b> (apricots, cherries, nectarines, peaches, plums, prunes) 	Brown Rot (Monilinia spp) Bacterial Spot Leaf Curl (Taphrina spp) Rust (Transschelia spp) Scab Shot Hole	1:100	5.0 - 2.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Pre-Bloom:</b> Begin applications at 0.5-1.0 cm green tip and continue on a five to seven day schedule through bloom.  <b>Curative:</b> Spray diseased trees using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.
<b>Berries</b> (Rubus, Ribes, blueberries) 	Anthracnose Botrytis Rot Cane Spot Rust Spur Blight	1:100	1.0 - 2.0 L Peratec per acre in a minimum of 100 L water per acre.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray so that all foliage and fruit is covered.
<b>Assorted tropical and sub tropical fruit</b> (edible and inedible peel)	Anthracnose Botrytis Rot Rust	1:100	1.0 - 2.0 L Peratec per acre in a minimum of 100 L water per acre.	<b>Curative:</b> Apply at the first signs of disease and repeat as necessary. Use the higher rate on heavy infestations. Direct spray towards leaves and fruit.
<b>Mangoes</b> 	Anthracnose (Colletotrichum spp)  Powdery Mildew (Oidium spp)	1:100  1:100 - 1:300	5.0 - 2.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.  2.5 - 5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Creative:</b> Spray diseased trees using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.  <b>Preventative:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5-day intervals. Reduce rate at 1:300 after the completion of third treatment and maintain 5-day interval spray cycle until harvest.
<b>Olives</b> 	Anthracnose (Colletotrichum spp)	1:100  1:100 - 1:300	5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.  2.5 - 5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Creative:</b> Spray diseased trees using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals.  <b>Preventative:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5-day intervals. Reduce rate at 1:300 after the completion of third treatment and maintain 5-day interval spray cycle until harvest.

## Foliar Application continued

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Strawberries</b> 	Botrytis Rot Rust	1:100 -1:300	5L Peratec per 500L of water; apply 250-500L of spray solution per acre.	<b>Curative:</b> Spray diseased plant using a 1:100 rate. <b>Preventive:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.

## Vegetable Crops

Crops	Disease	Dilution Rate	Application Rate	Directions
<b>Eggplant</b> 	Alternaria Fruit Rot (Alternaria spp) Anthracnose (Colletotrichum spp) Sudden Wilt (Phytophthora spp) Powdery Mildew (Leveillula spp)	1:100 1:100 -1:300	5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre. 2.5 - 5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals. <b>Preventative:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.
<b>Peppers</b> (capsicum, chili, paprika) 	Alternaria Fruit Rot (Alternaria spp) Anthracnose (Colletotrichum spp) Sudden Wilt (Phytophthora spp) Powdery Mildew (Leveillula spp)	1:100 1:100 -1:300	5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre. 2.5 - 5.0 L Peratec per 500 L of water; apply 250-500 L of spray solution per acre.	<b>Curative:</b> Spray diseased plants using a 1:100 rate for three consecutive days and continue treatments at five to seven day intervals. <b>Preventative:</b> Begin when plants are small. Apply first three treatments at 1:100 at 5 day intervals. Reduce rate to 1:300 after the completion of third treatment and maintain 5 day interval spray cycle until harvest.

## CONTAINER SIZES AVAILABLE ON REQUEST:



25 Litres



205 Litres




1000 Litres



**Also available from Jaegar is an individual Crop Spray Guide. Contact us for further information.**

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MILDEW?**



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SOOTY  
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CURLY  
LEAF?**



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**BOTRYTIS?  
POWDERY  
MILDEW?  
DOWNY  
MILDEW?**



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# ***“Jaegar Australia - a unique company providing effective environmental customized solutions”***

Jaegar Australia was established in 1979 and now is a certified formulator and manufacturer of specialty chemicals and a quality endorsed (Australian Standards) company. It is wholly Australian owned. It holds many government authorities to sell its products for use against a range of contaminants/diseases etc. infecting many different (specific) crops and plants, as well as for several food handling industries.

As Jaegar Australia vision is to provide customised, highly cost effective solutions to a wide range of unwanted contaminants, using naturally occurring, non-polluting inorganic compounds and with a mission statement; To operate an integrated manufacturing, supply and marketing company; employing a highly skilled team of dedicated, goal and customer orientated staff, able to provide high quality, advanced

technology products and excellent customer service. Talk to us about a problem that you currently have or if you have a solution that we can help you solve. We are in the business of special blends, products or solutions for farmers.

Jaegar Australia initially commenced its first of 3 years of trials in 2006 on Peratec Fungicide with “AgAware Consulting Pty Ltd”. Currently there has been over 100,000 litres sold and successfully used on fruit, vegetables and Ornamentals. Extremely strong results have been recorded and it was especially beneficial for the tough “vine growing climate of 09-10 financial year.” With this strong performance from Peratec Fungicide, it is vastly becoming the ever “Reliable Solution” for farmers to secure and salvage their valuable crops.



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