

Product Name: Surefire Boscalid 500 WG Fungicide
APVMA Approval No: 92574/135922



Label Name:	Surefire Boscalid 500 WG Fungicide
Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 500 g/kg BOSCALID
Mode of Action:	GROUP 7 FUNGICIDE
Statement of Claims:	For the Control of Bunch Rot (<i>Botrytis cinerea</i>) in Grapevines as specified in the Directions for Use
Net Contents:	NET CONTENTS: 1 kg – 50 kg
Restraints:	<p>Restraints: DO NOT apply by aerial application. DO NOT treat vineyards that will or may be grazed by livestock.</p> <p>Spray drift restraints Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.</p> <p>DO NOT allow bystanders to come into contact with the spray cloud. DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas. DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application. DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.</p>
Directions for Use:	This section contains file attachment.

Other Limitations:	
Withholding Periods:	<p>WITHHOLDING PERIODS:</p> <p>HARVEST</p> <p>Grapevines: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.</p> <p>GRAZING</p> <p>Grapevines: DO NOT TREAT VINEYARDS THAT WILL OR MAY BE GRAZED BY LIVESTOCK.</p>
Trade Advice:	<p>Export of Treated Produce</p> <p>Growers should note that suitable Maximum Residue Limits (MRLs) or import tolerances may not exist in all export markets for crops treated with Surefire Boscalid 500 WG Fungicide. Additionally, some export markets have established MRLs different to those in Australia. If you are growing fruit for export (including fresh, dried or as wine) please check with your industry spray diary, peak industry body (such as the Australian Wine Research Institute www.awri.com.au) or PCT Holdings Pty Ltd for the latest information on MRLs and import tolerances before using Surefire Boscalid 500 WG Fungicide.</p>
General Instructions:	<p>GENERAL INSTRUCTIONS</p> <p>Surefire Boscalid 500 WG Fungicide is a systemic anilide fungicide recommended for the control of Bunch rot (<i>Botrytis cinerea</i>) in grapevines.</p> <p>Optimum disease control is achieved when Surefire Boscalid 500 WG Fungicide is applied in a regularly scheduled preventative spray program and is used in a rotational program with other effective fungicides. Because of its high specific activity, Surefire Boscalid 500 WG Fungicide has good residual activity against target fungi.</p> <p>Mixing</p> <p>Partly fill the spray tank with water and add the required amount of product while stirring. If required, add compatible products and agitate thoroughly. Continue agitation as filling of the tank is completed. Agitate again before spraying commences. If tank mixing with other water dispersible granule (WG) or wettable powder (WP) formulations, ensure they are mixed in well before adding emulsifiable concentrate (EC) or suspension concentration (SC) products. WP formulations should be pre-mixed separately prior to adding to the spray tank.</p> <p>Application</p> <p>Dilute spraying</p> <p>Use a sprayer designed to apply high volumes of water up to the point of runoff and matched to the crop being sprayed.</p> <ul style="list-style-type: none"> • 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 runoff. 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 100 L 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. <p>Concentrate spraying</p> <ul style="list-style-type: none"> • 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 runoff) 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.

	<ul style="list-style-type: none"> • 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 then be calculated in the following way: EXAMPLE ONLY Dilute spray volume as determined above: For example, 1500 L/ha. Your chosen concentrate spray volume: For example, 500 L/ha. The concentration factor in this example is: 3 X (i.e. 1500 L÷500 L=3). • If the dilute label rate is 120 g/100 L, then the concentrate rate becomes 3 x 120, that is 360 g/100 L of concentrate spray. • The chosen spray volume, amount of product per 100 L of water, and the sprayer set up and operation may need to be changed as the crop grows. • For concentrate application, DO NOT use in equipment that requires greater than 600 g/100 L (5 X concentration). DO NOT apply in volumes less than 250 L/ha. • For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices. <p>COMPATIBILITY</p> <p>Surefire Boscalid 500 WG Fungicide is compatible with metiram (700 g/kg), mancozeb (750 g/kg or 420 g/L). Surefire Boscalid 500 WG Fungicide is also compatible with a wide range of agricultural chemicals. A jar test with local water should be conducted before using any new tank mixtures with Surefire Boscalid 500 WG Fungicide. For further information on compatibility please contact your local reseller or PCT Holdings representative.</p>
Resistance Warning:	<p>Fungicide Resistance Warning</p> <p>GROUP 7 FUNGICIDE</p> <p>Surefire Boscalid 500 WG Fungicide is a member of the oxathiin group of fungicides. For fungicide resistance management Surefire Boscalid 500 WG Fungicide is a Group 7 fungicide. Some naturally occurring individual fungi resistant to Surefire Boscalid 500 WG Fungicide or any other Group 7 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. The resistant fungi will not be controlled by Surefire Boscalid 500 WG Fungicide or other Group 7 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, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of Surefire Boscalid 500 WG Fungicide to control resistant fungi.</p>
Precautions:	<p>PRECAUTIONS</p> <p>Re-Entry</p> <p>DO NOT enter treated areas until the spray has dried unless wearing cotton overalls buttoned to the neck and the wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.</p>
Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Toxic to aquatic life. DO NOT contaminate streams, rivers or watercourses with this product or used containers.</p>
Storage and Disposal:	<p>STORAGE AND DISPOSAL:</p> <p>KEEP OUT OF REACH OF CHILDREN</p> <p>Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple-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 deliver empty packaging for appropriate disposal at an approved waste management facility. If an approved waste management facility is not available bury the empty packaging</p>

	500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.
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Safety Directions:	<p>SAFETY DIRECTIONS:</p> <p>Will irritate the eyes. Avoid contact with eyes. When opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, and elbow length PVC gloves. After each day's use, wash gloves and contaminated clothing. Wash hands after use.</p>
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First Aid Instructions:	<p>FIRST AID:</p> <p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766.</p>
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First Aid Warnings:	
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DIRECTIONS FOR USE

Crop	Disease	Rate	WHP	Critical Comments
Grapevines	Bunch rot (<i>Botrytis cinerea</i>)	Dilute spray 120 g/100 L water Concentrate spray Refer to the Application section.	Harvest 4 weeks Grazing DO NOT treat vineyards that will or may be grazed by livestock	<p>Apply as part of a <i>Botrytis</i> bunch rot program:</p> <p>In a 3-spray program, apply only 1 spray of Surefire Boscalid 500 WG Fungicide.</p> <p>In a 4-spray program, apply only 2 sprays of Surefire Boscalid 500 WG Fungicide.</p> <p>DO NOT apply consecutive sprays of Surefire Boscalid 500 WG Fungicide.</p> <p>The ideal timing for the first spray is 5% capfall.</p> <p>DO NOT apply after 5% capfall on grapes grown for wine export.</p> <p>Applications can also be made at 80% capfall, pre-bunch closure, veraison or 4 weeks prior to harvest on table grapes or grapes for domestic wine.</p> <p>Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</p> <p>DO NOT use in equipment that requires rates greater than 600 g/100 L (5 x concentration).</p> <p>DO NOT apply in volumes less than 250 L/ha.</p>

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