

Product Name: BOGARD 100 WG FOLIAR FUNGICIDE  
APVMA Approval No: 48553/129751



Label Name:	BOGARD 100 WG FOLIAR FUNGICIDE
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Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
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Constituent Statements:	100 g/kg DIFENOCONAZOLE
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Mode of Action:	GROUP 3 FUNGICIDE
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Statement of Claims:	Controls Black Spot (Apple Scab and Pear Scab) and Powdery Mildew of Apples and Pears
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Net Contents:	500 g - 5 kg
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Restrains:	<p>DO NOT apply more than 6 applications of this product per season. The effect of BOGARD 100 WG could be diminished if rain falls within 2 hours of application.</p> <p>SPRAY DRIFT RESTRAINTS</p> <p>Specific definitions for terms used in this section of the label can be found at <a href="http://apvma.gov.au/spraydrift">apvma.gov.au/spraydrift</a>.</p> <p>DO NOT allow bystanders to come into contact with the spray cloud.</p> <p>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.</p> <p>DO NOT apply unless the wind speed is between three and 20 kilometres per hour at the application site during the time of application.</p>
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	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 one to two hours before sunset and persist until one to two hours after sunrise.
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Directions for Use:	Refer to the attached document This section contains file attachment.
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Other Limitations:	NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION
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Withholding Periods:	Apples, Pears: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION
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Trade Advice:	
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General Instructions:	<p><b>Mixing</b> BOGARD 100 WG is a water dispersible granule (WG) fungicide which mixes readily with water. Partly fill the spray tank with water. Start the agitation and add the correct amount of product to the spray tank with the agitation system running. Continue agitation while topping up the spray tank with water and while spraying.</p> <p><b>Tank Mixing</b> When mixing BOGARD 100 WG and other water dispersible granule (WG) or wettable powder (WP) formulations, ensure they are added and mixed well prior to adding emulsifiable concentrate (EC) or suspension concentrate (SC) products. Wettable powder (WP) formulations should be pre-mixed separately and then added to the spray tank.</p> <p><b>Application</b> Apply by high volume (dilute) sprayer or by concentrate sprayer.</p> <p><b>Dilute Spraying</b> Use a sprayer designed to apply high volumes of water up to 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. Apply sufficient water to cover the crop to the point of runoff. Avoid excessive runoff. 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 Direction for Use table for each 100 L of water. Spray to the point of runoff. 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> <p><b>Concentrate Spraying</b> 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. Determine an appropriate dilute spray volume (see Dilute Spraying) 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:</p> <p><b>Example only</b> Dilute spray volume as determined above: for example 2000 L/ha</p>
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	<p>Your chosen concentrate spray volume: for example 500 L/ha  )4 = L 005 # L 0002 ,ei( x 4 :si elpmaxe siht ni rotcaf noitartnecnoc ehT  If the dilute label rate is 35 g/100 L, then the concentrate rate becomes 4 x 35, that is 140 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 further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.</p> <p>Compatibility  BOGARD 100 WG can be mixed with Chorus®, Delfin*, Dipel*, Insegar®, Mavrik*, Pirimor®, Pyranica* and some formulations of calcium chloride, calcium nitrate, carbaryl, chlorpyrifos, diazinon, magnesium sulphate, propargite and the protectant black spot fungicides dithianon, mancozeb, metiram and ziram.</p>
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Resistance Warning:	<p>Fungicide Resistance Warning  GROUP 3 FUNGICIDE</p> <p>BOGARD 100 WG is a member of the DMI group of fungicides. For fungicide resistance management BOGARD 100 WG is a Group 3 fungicide. Some naturally occurring individual fungi resistant to BOGARD 100 WG and other Group 3 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 BOGARD 100 WG and other Group 3 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, Syngenta Australia Pty Ltd accepts no liability for any losses that may result from the failure of BOGARD 100 WG to control resistant fungi.</p>
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Precautions:	<p>Re-entry Period  DO NOT enter treated areas without protective clothing until spray has dried.</p>
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Protections:	<p>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers</p>
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Storage and Disposal:	<p>STORAGE AND DISPOSAL</p> <p>Store in the closed, original container in a cool, dry place out of reach of children. Do not store in direct sunlight. Dispose of empty container by wrapping in paper, placing in plastic bag and putting in garbage.</p> <p>For plastic containers:  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 recycle or designated collection point.  If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 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.</p> <p>For paper material bag:  Shake and empty contents into spray tank/water/dip/drench, etc. DO NOT dispose of undiluted chemicals on site. Break, crush, or puncture and deliver empty packaging to</p>
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an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 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.

Safety Directions:

Will damage eyes. Will irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing the spray wear:

- cotton overalls buttoned to the neck and wrist
- a washable hat
- elbow-length PVC gloves
- goggles

When using the prepared spray wear:

- cotton overalls buttoned to the neck and wrist
- a washable hat
- elbow-length PVC gloves

If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves and goggles and contaminated clothing.

First Aid Instructions:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

First Aid Warnings:

## DIRECTIONS FOR USE

Crop	Disease	Rate	Critical Comments
Apples, Pears	Protective and curative control of Black spot (apple scab) ( <i>Venturia inaequalis</i> ) and Black spot (pear scab) ( <i>Venturia pirina</i> )	<b>Dilute Spraying</b> 35 g alone or 25 g plus full recommended rate (tank mix) of a registered protectant black spot fungicide per 100 L  <b>Concentrate Spraying</b> Refer to the Application section	Apply by dilute or concentrate spraying equipment. <b>Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. This use is subject to a CropLife anti-resistance strategy.</b> Commence fungicide spray program at green tip stage with an approved fungicide.  <b>SPURBURST TO PETAL FALL Protective Program</b> Apply BOGARD 100 WG from spurburst. Repeat applications at 7 to 10 day intervals until full petal fall. Use the high rate (35 g) if applying BOGARD 100 WG alone or at the low rate (25 g) only in mixture with a registered protectant black spot fungicide. Apply no more than 4 applications of BOGARD 100 WG alone. After 4 applications, apply BOGARD 100 WG only as a tank mix with a protectant black spot fungicide. See instructions below. <b>Curative Program</b> Apply BOGARD 100 WG within 5 days of the beginning of an infection period or when the spore warning service indicates that an infection period has occurred. After petal fall apply BOGARD 100 WG only as a tank mix with a protectant black spot fungicide. See instructions for <b>Petal Fall Onwards</b> .
		<b>Dilute Spraying</b> 25 g plus full recommended rate (tank mix) of a registered protectant black spot fungicide  <b>Concentrate Spraying</b> Refer to the Application section	Apply by dilute or concentrate spraying equipment. <b>Apply the same amount of product to the target crop whether applying this product by dilute or concentrate spraying methods.</b>  <b>PETAL FALL ONWARDS Protective Program</b> Apply the tank mixture of BOGARD 100 WG plus a registered protectant black spot fungicide at 14 to 21 day intervals as required, depending on weather conditions and disease incidence. <b>Curative Program</b> Apply the tank mixture of BOGARD 100 WG plus a registered protectant black spot fungicide within 5 days of the beginning of an infection period or when the spore warning service indicates that an infection period has occurred.
	Suppression of primary infection and control of secondary infections of Powdery mildew ( <i>Podosphaera leucotricha</i> )	<b>Dilute Spraying</b> 50 g  <b>Concentrate Spraying</b> Refer to the Application section	Apply BOGARD 100 WG 10 days after spurburst at approximately the pink stage (late September/early October). Repeat 4 to 5 times at 10 to 14 day intervals. If susceptible varieties need further sprays after 6 applications of BOGARD 100 WG have been made, switch to an alternative powdery mildew fungicide. Refer to the Application section for appropriate application volumes.

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