

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

# Bogard® 100 WG

## FOLIAR FUNGICIDE

**Active Constituent:** 100 g/kg DIFENOCONAZOLE

Controls Black Spot (Apple Scab and Pear Scab) of Apples and Pears.

GROUP	<b>C</b>	FUNGICIDE
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APVMA Approval No: 48553/0301

Pack size: 1 kg



UN NO. 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,  
N.O.S. PACKING GROUP III HAZCHEM 2X

## GENERAL INSTRUCTIONS

### Fungicide Resistance Warning

BOGARD 100 WG is a member of the DMI group of fungicides. For fungicide resistance management BOGARD 100 WG is a Group C fungicide.

Some naturally occurring individual fungi resistant to BOGARD 100 WG and other Group C 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 C 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 Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of BOGARD 100 WG to control resistant fungi.

### Mixing

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.

### Tank Mixing

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.

### Application in Apple and Pear Orchards

Apply by high volume (dilute) sprayer or by concentrate sprayer.

**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 Direction 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.

**Concentrate Spraying:** 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. 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 then be calculated in the following way:

### EXAMPLE ONLY

1. Dilute spray volume as determined above: for example 2000 L/ha.
2. Your chosen concentrate spray volume: for example 500 L/ha.
3. The concentration factor in this example is:  
 $4 \times$  (ie,  $2000 \text{ L} \div 500 \text{ L} = 4$ )
4. If the dilute label rate is 35 g/100 L, then the concentrate rate becomes  $4 \times 35$ , 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.

### Compatibility

BOGARD 100 WG can be mixed with Chorus®, Supracide®, Insegar®, Pyranica®, Delfin®, Dipel\*, Mavrik®, Pirimor\* and some formulations of chlorpyrifos, diazinon, azinphos-methyl, parathion, propargite, carbaryl, endosulfan, calcium nitrate, calcium chloride, magnesium sulphate and the protectant scab fungicides mancozeb, dithianon, metiram and ziram.

### PRECAUTION

#### Re-entry Period

DO NOT enter treated areas without protective clothing until spray has dried.

#### PROTECTION OF LIVESTOCK

Low hazard to bees. Product may be applied to plants at any time of the day.

#### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to aquatic organisms. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto adjacent areas, particularly wetlands, waterbodies or watercourses.

DO NOT contaminate dams, waterways or drains with the product or its container.

#### Integrated Pest Management

BOGARD 100 WG is suitable for use in IPM programs. BOGARD 100 WG is harmless to predators in situations where integrated mite control is practiced.

#### STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well ventilated area, as cool as possible out of direct sunlight.

Single rinse liner before disposal. Add rinsings to the spray tank. DO NOT dispose of undiluted chemicals on site. Puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm 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.

# Bogard<sup>®</sup> 100 WG

## 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; and
- goggles.

When using the prepared spray wear:

- cotton overalls buttoned to the neck and wrist;
- a washable hat; and
- 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

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

## MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy phone 1800 067 108, or visit our website at [www.syngenta.com.au](http://www.syngenta.com.au)

## MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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\* Registered trademark.

## DIRECTIONS FOR USE

### Restraint:

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.

Crop	Disease	Rate	Critical Comments
Apples, Pears	Protective and curative control of Apple Scab, <i>Venturia inaequalis</i> and Pear Scab, <i>Venturia pirina</i>	<b>Dilute spraying</b> 35 g alone or 25 g + full recommended rate (tank mix) of a registered protectant Scab fungicide per 100 L  <b>Concentrate Spraying</b> Refer to the Application in Apple and Pear Orchards 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>This use is subject to an AVCARE anti-resistance strategy.</b>  Commence fungicide spray programme at green tip stage with an approved fungicide.  <b>SPURBURST TO PETAL FALL Protective Programme</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 Scab 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 Scab fungicide. See instructions below. <b>Curative Programme</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. <b>After petal fall apply BOGARD 100 WG only as a tank mix with a protectant Scab fungicide. See instructions below.</b>
		<b>Dilute spraying</b> 25 g + full recommended rate (tank mix) of a registered protectant Scab fungicide  <b>Concentrate Spraying</b> Refer to the Application in Apple and Pear Orchards 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 Programme</b> Apply the tank mixture of BOGARD 100 WG plus a registered protectant Scab fungicide at 14 to 21 day intervals as required, depending on weather conditions and disease incidence. <b>Curative Programme</b> Apply the tank mixture of BOGARD 100 WG plus a registered protectant Scab fungicide within 5 days of the beginning of an infection period or when the spore warning service indicates that an infection period has occurred.

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

### WITHHOLDING PERIOD:

*Apples and Pears*: DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION.

