

# Prolectus®

FUNGICIDE

ACTIVE CONSTITUENT: 400 g/L FENPYRAZAMINE

GROUP **17** FUNGICIDE

For the Control of Grey mould in Wine Grapes, as specified in the Directions for Use Table.

## GENERAL INSTRUCTIONS

### MIXING

Measure the required amount of PROLECTUS Fungicide, add to the partly filled spray tank and then add the remainder of the water.

### APPLICATION:

Good coverage is important. **DO NOT** apply more than 2 foliar sprays per season.

#### 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 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.

#### Concentrate Spraying:

**DO NOT** use less than 1000L per hectare of water once vines reach full size (2.5 m high).

- 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 (for vines which have not yet reached full size):

1. Dilute spray volume as determined above:  
**for example** 2000 L/ha
  2. Your chosen concentrate spray volume:  
**for example** 1000 L/ha
  3. The concentration factor in this example is:  
**for example** 2X (that is,  $2000 \text{ L} \div 1000 \text{ L} = 2$ )
  4. If the dilute label rate is 40 g/100 L, then the concentrate rate becomes 2 X 40, that is, 80 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.

#### Wetting Agent

Add MAXX Organosilicone Surfactant at the rate of 30 mL/100 L of spray. **DO NOT** exceed this rate.

## FUNGICIDE RESISTANCE

### WARNING:

PROLECTUS Fungicide is a member of the hydroxyanilide group of fungicides. For fungicide resistance management PROLECTUS Fungicide is a Group 17 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 17 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product and other Group 17 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, Sumitomo Chemical Australia Pty Ltd accepts no liability for any losses that result from failure of this product to control resistant fungi.

#### Resistance management strategy:

**DO NOT** apply PROLECTUS Fungicide more than two times per season, with a minimum 14 day interval.

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## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. **DO NOT** contaminate streams, rivers or waterways with the product or used containers.

## STORAGE AND DISPOSAL:

Store in the closed original container in a well-ventilated area, as cool as possible, although avoid freezing. **DO NOT** store for prolonged periods in direct sunlight.

Triple or preferably pressure 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 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.

## SAFETY DIRECTIONS:

When opening the container and preparing spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing).

When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and a washable hat.

Wash hands after use. After each day's use wash gloves and contaminated clothing.

## RE-ENTRY:

**DO NOT** allow entry into treated areas until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

## FIRST AID:

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126; New Zealand 0800 764 766.

## SAFETY DATA SHEET:

Additional information is listed in the Safety Data Sheet (SDS) obtained from Sumitomo Chemical Australia Pty Ltd.

## IMPORTANT NOTICE

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

APVMA Approval No.: 68251/111117

<b>IN A TRANSPORT EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE</b>	<b>FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY PHONE: 1800 024 973 TOLL FREE ALL HOURS - AUSTRALIA WIDE</b>
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## DIRECTIONS FOR USE:

### RESTRAINTS:

**DO NOT** apply if heavy rain has been forecast over the next 72 hours.

**DO NOT** apply more than two sprays per season with a minimum interval of 14 days as over-use may lead to development of resistance.

**DO NOT** apply with aircraft.

### SPRAY DRIFT RESTRAINTS:

**DO NOT** apply when wind speed is less than 3 or more than 20 kilometres per hour as measured 15 metres outside of the vineyard on the upwind side.

**DO NOT** apply during surface temperature inversion conditions at the application site.

**DO NOT** direct the spray above vines during airblast applications. **TURN OFF** outward pointing nozzles at row ends and outer rows during airblast applications.

**DO NOT** apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 15 metres downwind from the application area.

CROP	PEST	RATE	CRITICAL COMMENTS
Wine grapes	Grey mould ( <i>Botrytis cinerea</i> )	100 mL/100L  <b>Dilute spraying</b> Water rate should be adjusted to growth stage and size of foliage to give good coverage. Generally between 500 and 1000 L/ha  <b>Concentrate spraying</b> Refer to the <b>Application</b> section	Apply as part of a botrytis control spray program between 10 % flowering (E-L 20) and berries pea size – just prior to bunch closure (E-L 31). <b>DO NOT</b> apply after E-L 31. <b>DO NOT</b> apply more than 2 sprays of PROLECTUS in any one season, with a minimum 14 day interval. Apply by dilute or concentrate spraying equipment but ensure that sufficient water is used and the sprayers are directed to get good penetration of the canopy and coverage of flowers or bunches. Maxx organosilicone surfactant is recommended at 30mL/100L as this provides increased penetration of flowers and bunches and so improves the result.

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

### WITHHOLDING PERIODS:

**WINE GRAPES: NOT REQUIRED WHEN USED AS DIRECTED**

**GRAZING: DO NOT ALLOW LIVESTOCK TO GRAZE TREATED VINEYARDS FOR 2 DAYS AFTER APPLICATION. LIVESTOCK USED FOR GRAZING INTER-ROWS OR LEAF PLUCKING MUST NOT BE SENT FOR SLAUGHTER UNTIL 2 MONTHS AFTER REMOVAL FROM THE VINEYARD.**