

CAUTION

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



syngenta®

ACTIVE CONSTITUENT: 250 g/L MANDIPROPAMID

GROUP 40 FUNGICIDE

Controls downy mildew in grapes

5 LITRES

Syngenta Crop Protection Pty Limited
Level 1, 2-4 Lyonpark Road, Macquarie Park, NSW 2113

In a transport emergency dial 000, Police or Fire Brigade.
For specialist advice in an emergency only, call 1800 033 111 (24 hours)

APVMA Approval No: 63052/44604

TM

DIRECTIONS FOR USE

Restraints

DO NOT apply by aircraft.

Spray Drift Restraints

DO NOT apply in vineyards when the 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.

Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are: **1.** date with start and finish times of application; **2.** location address and paddock/s sprayed; **3.** full name of this product; **4.** amount of product used per hectare and number of hectares applied to; **5.** crop/situation and weed/pest; **6.** wind speed and direction during application; **7.** air temperature and relative humidity during application; **8.** nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application; **9.** name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

Crop	Disease	Rate	Critical Comments
Grapes	Downy Mildew <i>Plasmopara viticola</i>	<p>Dilute spraying 40 mL per 100 L of water</p> <p>Concentrate spraying Refer to the Application section</p>	<p>This use is subject to a CropLife anti-resistance strategy. DO NOT apply more than 3 sprays of REVUS per season. DO NOT apply more than 2 sequential sprays of REVUS alone before applying at least the same number of sprays from a different resistance group. DO NOT make REVUS alone the last spray of the season.</p> <p>Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target whether applying this product by dilute or concentrate spraying methods.</p> <p>Apply at 10-14 day intervals as part of a Downy Mildew control program before the first sign of infection. Use the shorter interval during periods of rapid growth or when conditions are more conducive to disease development.</p> <p>DO NOT apply later than end of flowering.</p>
		<p>Dilute spraying 60 mL per 100 L of water</p> <p>Concentrate spraying Refer to the Application section</p>	<p>This use is subject to a CropLife anti-resistance strategy. DO NOT apply more than 3 sprays of REVUS per season. DO NOT apply more than 2 sequential sprays of REVUS alone before applying at least the same number of sprays from a different resistance group. DO NOT make REVUS alone the last spray of the season.</p> <p>Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target whether applying this product by dilute or concentrate spraying methods.</p> <p>Apply at 10-21 day intervals as part of a Downy Mildew control program before the first sign of infection. Use the shorter interval during periods of rapid growth or when conditions are more conducive to disease development. Spray intervals of more than 14 days should only be used once significant new growth has ceased. Begin spraying Revus within the recommended spray interval of the previous Downy Mildew fungicide.</p> <p>DO NOT apply later than end of flowering.</p>

Crop	Disease	Rate	Critical Comments
		<p>Dilute spraying 40 mL + full recommended rate (tank mix) of a registered protectant Downy Mildew fungicide per 100 L of water</p> <p>Concentrate spraying Refer to the Application section</p>	<p>This use is subject to a CropLife anti-resistance strategy. DO NOT apply more than 3 sprays of REVUS per season. DO NOT apply more than 2 sequential sprays of REVUS alone before applying at least the same number of sprays from a different resistance group. DO NOT make REVUS alone the last spray of the season.</p> <p>Apply by dilute or concentrate spraying equipment. Apply the same amount of product to the target whether applying this product by dilute or concentrate spraying methods.</p> <p>Apply at 10-21 day intervals as part of a Downy Mildew control programme before the first sign of infection. Use the shorter interval during periods of rapid growth or when conditions are more conducive to disease development. Spray intervals of more than 14 days should only be used once significant new growth has ceased. Begin spraying Revus within the recommended spray interval of the previous Downy Mildew fungicide.</p> <p>DO NOT apply later than end of flowering.</p>

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

WITHHOLDING PERIOD

NOT REQUIRED WHEN USED AS DIRECTED.

DO NOT GRAZE VEGETATION IN TREATED VINEYARDS OR CUT FOR STOCK FOOD.

GENERAL INSTRUCTIONS

REVUS is a fungicide from the mandelamide group with translaminar and protectant properties. REVUS is best used as a protective treatment program to prevent spore germination.

Mixing

REVUS is a Suspension Concentrate (SC) formulation that mixes readily with water and is applied as a spray.

1. Partly fill the spray tank with water.
2. Start the agitation.
3. Add the correct amount of product to the spray tank with the agitation system running.
4. Continue agitation while topping up the tank with water and while spraying.
5. Use the spray mix as soon as possible after preparation.

A non-ionic surfactant may be mixed where it is required for other compatible products mixed with REVUS but is not necessary when applying REVUS alone.

Application

Ground Application only

Apply by high volume (dilute) sprayer or by concentrate sprayer. Ensure that the correct amount of REVUS is applied per hectare irrespective of the total spray volume applied. Total volume of spray mix applied should be sufficient to ensure thorough spray coverage is achieved.

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. 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 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 that 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 1,000 L/ha.
2. Your chosen concentrate spray volume: for example 250 L/ha.
3. The concentration factor in this example is 4 x (ie $1,000 \div 250 \text{ L} = 4$).
4. If the dilute label rate is 40 mL/100 L, then the concentrate rate becomes 4 x 40, that is 160 mL/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

REVUS is physically compatible with a wide range of products including Thiovit Jet, Topas 100 EC, Switch, Proclaim, Kocide Blue Xtra, Oxydul DF; however the biological compatibility of some mixtures may not have been fully tested under all environmental and biological conditions.

A mixture of REVUS with any other product may in some circumstances be ineffective or may cause damage.

If tank mixes are to be used observe all directions, precautions and limitations on all products to be used.

As formulations of other manufacturer's products are beyond the control of Syngenta, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities.

Fungicide Resistance Warning **GROUP 40 FUNGICIDE**

REVUS Fungicide belongs to the mandelic acid amide sub-group of the carboxylic acid amide fungicides.

For fungicide resistance management, the product is a Group 40 fungicide.

Some naturally occurring individual fungi resistant to the product and other Group 40 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 this product or other Group 40 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 Ltd accepts no liability for any losses that may result from the failure of this product to control resistant fungi.

Export Wine

Where this product will be used on grapes that will be used to produce wine destined for export markets, seek advice from the Australian Wine Research Institute or Syngenta Crop Protection to ensure the wine will meet the requirements of the intended importing country.

PRECAUTIONS

Re-entry Period: DO NOT enter treated area without protective clothing until spray has dried.

INTEGRATED PEST MANAGEMENT

This product is not expected to impact on predatory mite populations.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic life. DO NOT contaminate streams, rivers or watercourses with this product or used containers.

STORAGE AND DISPOSAL

Store in the closed original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to treatment 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

May irritate the eyes and skin. Avoid contact with eyes and skin.

When opening the container and preparing spray wear:

- elbow-length chemical-resistant gloves
- goggles

Wash hands after use. After each day's use, wash gloves and goggles.

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

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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the SYNGENTA Logo and the PURPOSE ICON
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Batch Number	
Date of Manufacture	



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