



READ SAFETY DIRECTIONS BEFORE OPENING OR USING

ZAMPRO® FUNGICIDE

**ACTIVE CONSTITUENT: 300 g/L AMETOCTRADIN
225 g/L DIMETHOMORPH**

GROUP **45 40** FUNGICIDE

For the control of downy mildew in grapes

Important: Read the attached leaflet before use.

CONTENTS: 1L, 2.5L, 5L

BASF Australia Ltd ABN 62 008 437 867
Level 12, 28 Freshwater Place Southbank VICTORIA 3006
Customer Service Hotline: 1800 006 393

® Registered trademark of BASF

APVMA Approval No.: 63651/49642



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 the 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 to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500mm 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

Harmful if swallowed.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet.

CONDITIONS OF SALE

All conditions and warranties rights and remedies implied by law or arising in contract or tort whether due to the negligence of BASF Australia Ltd or otherwise are hereby expressly excluded so far as the same may legally be done provided however that any rights of the Buyer pursuant to non-excludable conditions or warranties of the Trade Practices Act 1974 or any relevant legislation of any State are expressly preserved but the liability of BASF Australia Ltd or any intermediate Seller pursuant thereto shall be limited if so permitted by the said legislation to the replacement of the goods sold or the supply of equivalent goods and all liability for indirect or consequential loss or damage of whatsoever nature is expressly excluded. This product must be used or applied strictly in accordance with the instructions appearing hereon. This product is solely sold for use in Australia and must not be exported without the prior written consent of BASF Australia Ltd.

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FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY PHONE 1800 803 440 TOLL FREE-ALL HOURS-AUSTRALIA WIDE

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DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply with aircraft.

SPRAY DRIFT RESTRAINTS

Except when applying with orchard airblast equipment, DO NOT apply with spray droplets smaller than a MEDIUM spray droplet size category according to nozzle manufacturer specifications that refer to the ASAE S572 Standard or the BCPC Guideline.

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site.

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

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.)

MANDATORY NO-SPRAY ZONES

DO NOT apply if there are aquatic and wetland areas including aquacultural ponds, surface streams and rivers within 10 metres downwind from the application area.

SITUATION	DISEASE	RATE	WHP	CRITICAL COMMENTS
Grapevines	Downy mildew (<i>Plasmopara viticola</i>)	Dilute spraying 80 mL/ 100 L Concentrate spraying Refer to the application section	4 weeks	DO NOT use in crops intended for drying. Also see CAUTION section re export commodities. Apply at 7 to 14 day intervals when humid or wet conditions favour infection but before disease is evident. Use the shorter interval when conditions favouring infection are creating a high risk. Apply a maximum of 2 consecutive sprays before changing to an alternative mode of action for at least one application. ZAMPRO should be used solely as a protectant fungicide. Products containing metalaxyl or metalaxyl-M (methoxam) are recommended if downy mildew infection may have already occurred. Apply using 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. DO NOT use in equipment that requires greater than 400 mL/ 100 L (5X). DO NOT apply more than 4 sprays of ZAMPRO per season, as a precaution against the development of disease resistance.

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

WITHOLDING PERIOD**DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION****GENERAL INSTRUCTIONS****FUNGICIDE RESISTANCE WARNING****GROUP 45 40 FUNGICIDE**

ZAMPRO Fungicide is a combination of a triazolo-pyrimidine and cinnamic acid amide sub group of the carboxylic acid amide fungicide. For fungicide resistance management, ZAMPRO is both a Group 45 and 40 fungicide. Some naturally occurring individual fungi resistant to ZAMPRO and other Group 45 and/or 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 may not be controlled by ZAMPRO and other Group 45 and/or 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, BASF Australia Ltd accepts no liability for any losses that may result from the failure of ZAMPRO to control resistant fungi.

For resistance management, this product should always be used as part of a protective spray programme and applied before disease symptoms appear. To prevent or delay the development of strains of disease fungi resistant to Group 45 and Group 40, it is recommended that this product is used in spray programmes including fungicides with different modes of action. Refer to the CRITICAL COMMENTS section of this label. Consult a BASF Australia Ltd representative for further information if required.

PRECAUTION**Export of treated fruit or wine**

Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for fruit treated with ZAMPRO. Additionally, some export markets have established MRLs different to those in Australia. If you are growing fruit for export (either fresh or as wine), please check with BASF Australia Ltd or the Australian Wine Research Institute <http://www.awri.com.au> for the latest information on MRLs and import tolerances BEFORE using ZAMPRO.

MIXING

Half fill the spray vat with water and commence agitation. Add the required volume of ZAMPRO to the spray tank and allow to disperse. Add the remainder of the water with agitation running. Ensure thorough mixing and constant agitation to keep the product in suspension.

APPLICATION

Ensure thorough coverage of plants, especially the underside of leaves and young grape bunches.
DO NOT apply by aircraft.

APPLICATION TO GRAPEVINES**Dilute Spraying**

- ◆ Use a sprayer designed to apply high spray volumes, 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 spray solution to cover the crop to the point of run-off. Avoid excessive run-off.
- ◆ The required spray volume to achieve point of run off may be determined by applying different test volumes, using different settings on the sprayer, or from industry guidelines or other 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 to achieve point of run off will change and the sprayer set up and operation may also need to be changed, as the crop grows.

Concentrate Spraying (Grapevines ONLY)

- ◆ Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies spray 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 spray 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 1500 L/ha
 2. Your chosen concentrate spray volume: For example 500 L/ha
 3. The concentration factor in this example is: 3 X (i.e. $1500 \text{ L} \div 500 \text{ L} = 3$)
 4. If the dilute label rate is 20 mL/100 L, then the concentrate rate becomes 3 x 20 (that is 60 mL of product per 100 L water for concentrate spraying).
- ◆ 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

ZAMPRO is regarded as being widely compatible with other agrochemicals however growers are advised to conduct their own missing tests on a small scale before use as there are many variables involved with chemical compatibility. When using tank mixtures growers must refer to the relevant product label and observe all of the directions, precautions and limitations that have been placed upon the use of each tank mix partner.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

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