

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

**amicus**<sup>®</sup>  **blue**

## FUNGICIDE

ACTIVE CONSTITUENTS: 180g/L COPPER (Cu) present as TRIBASIC COPPER SULPHATE  
32g/L AMISULBROM

**GROUP 21 | M1 FUNGICIDE**

For control of downy mildew in grapes and white blister and downy mildew in brassicas as per the Directions for Use Table.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT



Grow a better tomorrow.

**DIRECTIONS FOR USE****RESTRAINTS**

**DO NOT** apply by aircraft.

**DO NOT** apply during the hottest part of the day when temperatures exceed 35°C.

**DO NOT** apply when slow drying conditions prevail.

**DO NOT** apply to copper-shy crops or cultivars.

**DO NOT** apply if it is likely to rain before the spray is dry.

**DO NOT** apply to wet crops.

**DO NOT** use in spray solutions less than pH 6.5.

**SPRAY DRIFT RESTRAINTS**

**DO NOT** apply if there are aquatic and wetland areas including aquacultural ponds within 10 meters downwind from the application area.

**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.

<b>CROP</b>	<b>DISEASE</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
Brassica vegetable crops Broccoli Cauliflower Cabbage Brussels sprouts	White Blister ( <i>Albugo candida</i> )  Downy mildew ( <i>Hyaloperonospora brassicae</i> )	2.0 L/ha	Apply in a protectant spray program. Ensure thorough coverage of the crop, spray volume should be increased as the crop canopy expands.  DO NOT apply more than three applications per crop. Consecutive spray applications should be made at 7 to 10 day intervals.  Avoid application to brassica crops when frosts are possible as crop damage may result.
Grapevines	Downy mildew ( <i>Plasmopara viticola</i> )	<b>Dilute spraying</b> 250 mL/100L  <b>Concentrate spraying</b> Refer to the Application section	Apply as a protectant spray to grapevines commencing after shoots are 10 cm long.  DO NOT apply more than two consecutive applications and do not apply more than four applications per season. If consecutive applications are made they should be 7 to 10 days apart and followed by two applications with an alternative mode of action before resuming Amicus Blue applications.  DO NOT apply after E-L 31 (early bunch closure) on grapes grown for export wine production.

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

**WITHOLDING PERIODS**

**BRASSICA VEGETABLES:** NOT REQUIRED WHEN USED AS DIRECTED.  
**GRAPEVINES:** DO NOT HARVEST FOR 28 DAYS AFTER APPLICATION.

**GENERAL INSTRUCTIONS****MIXING/APPLICATION**

Partly fill the spray tank with water and add the required amount of product while stirring. If required, add compatible products and agitate thoroughly. Continue agitation as filling of the tank is completed. Agitate again before spraying commences. If tank mixing with other water dispersible granule (WG) or wettable powder (WP) formulations, ensure they are mixed in well before adding emulsifiable concentrate (EC) or suspension concentrate (SC) products. WP formulations should be pre-mixed separately prior to adding to the spray tank.

**WETTING AGENTS**

A wetting agent is not required when used as directed but may be used if required for a tank mix partner.

**COMPATIBILITY**

Amicus Blue is generally compatible with other agricultural pesticides but should be tested locally on a small scale prior to widespread use.

**GRAPEVINES**

Apply sufficient volume to wet all leaf surfaces up to the point of run-off. Apply using MEDIUM spray droplets. Air-blast sprayers are recommended for application to vines with very dense foliage.

**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 up 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. 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 (i.e. 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 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: 3X (i.e. 1500 L÷500 L=3)
4. If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes 3 x 10, i.e. 30 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.

**BRASSICA VEGETABLES**

Thorough coverage of the plants is essential for maximum effectiveness. To achieve thorough coverage:

1. Spray volumes need to be increased as the plants grow.
2. The configuration of the sprayer may need to be altered as the plants grow and change shape. The coverage provided by the sprayer should be checked prior to each application and adjusted if necessary. This should only be done with water plus any required wetting agents.

**APPLICATION BY GROUND-RIG**

Apply as a MEDIUM spray in a minimum of 250 litres of water per hectare using a low mounted boom adjusted to the nozzle manufacturer's specifications. May be applied with hydraulic nozzles or fan-assisted rotary atomizers. Avoid application in very windy conditions or when the temperature and humidity cause rapid drying.

**FUNGICIDE RESISTANCE WARNING**

GROUP	<b>21</b>	<b>M1</b>	FUNGICIDE
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For fungicide resistance management Amicus Blue Fungicide is a Group 21 and M1 fungicide. Some naturally-occurring individual fungi resistant to Amicus Blue Fungicide and other Group 21 and M1 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. The resistant fungi will not be controlled by Amicus Blue Fungicide and other Group 21 and M1 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, Nufarm Australia Limited accepts no liability for any losses that may result from the failure of Amicus Blue Fungicide to control resistant fungi.

**Re-entry Statement**

Do not enter 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.

Do not enter treated areas in vineyards for 5 days to perform very high exposure activities such as tying/training/leaf pulling 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.

**PROTECTION OF CROPS, NATIVE AND OTHER NON TARGET PLANTS**

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures.

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

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



[spraywisedecisions.com.au](http://spraywisedecisions.com.au) is an online weather forecasting program and is recommended for use when planning your pesticide application.

**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 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 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, in compliance with relevant local, state or territory government regulations. Empty containers and product should NOT be burnt.

**Refillable containers**

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

**SAFETY DIRECTIONS**

May irritate the eyes. Avoid contact with eyes and skin. When preparing product for use and using the prepared product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). If applying by spraying equipment carried on the back of the user, wear cotton overalls, over normal clothing, buttoned to the neck and wrist and elbow-length chemical resistant gloves. If product on skin, immediately wash area with soap and water. Wash hands after use. After each day's use wash gloves and contaminated clothing.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**ADDITIONAL STATEMENTS (WHS REGULATIONS 2011)**

**Suspected of causing cancer.** If medical advice is needed, have product container or label at hand. Wear protective eye protection.

**SAFETY DATA SHEET**

For further information refer to the Safety Data Sheet (SDS) which can be obtained from your supplier or from the Nufarm website – [nufarm.com.au](http://nufarm.com.au)

**In case of emergency: Phone 1800 033 498** Ask for shift supervisor. Toll free 24 hours.

**CONDITIONS OF SALE**

"Any provisions or rights under the Competition and Consumer Act 2010 or relevant state legislation which cannot be excluded by those statutes or by law are not intended to be excluded by these conditions of sale. Subject to the foregoing, all warranties, conditions, rights and remedies, expressed or implied under common law, statute or otherwise, in relation to the sale, supply, use or application of this product, are excluded. Nufarm Australia Limited and/or its affiliates ("Nufarm") shall not accept any liability whatsoever (including consequential loss), or howsoever arising (including negligence) for any damage, injury or death connected with the sale, supply, use or application of this product except for liability which cannot be excluded by statute."

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