

FARMALINX

Missile

FUNGICIDE

DIRECTIONS FOR USE**RESTRAINTS**

DO NOT apply more than 2 applications per season.

DO NOT apply by air.

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 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 humidity; 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 30 metres downwind from the application area.

CROP	PEST	RATE	CRITICAL COMMENTS
Grapes (except grapes grown for dried fruit production)	Grey Mould (Bunch Rot) <i>Botrytis cinerea</i>	Dilute Spraying 80 g/100 L Concentrate Spraying 800 g/ha	DO NOT apply more than 2 applications of MISSILE per season. Applications can be made at 5% capfall, 80% capfall, pre-bunch closure or veraison. Follow a complete disease management program for Grey Mould by rotating with fungicides from unrelated chemical groups as per the Croplife fungicide resistance management guidelines. Apply by 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 at rates greater than 200 g/100 L of water.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION**WITHHOLDING PERIOD:***Grapes:* DO NOT HARVEST FOR 4 WEEKS AFTER APPLICATION**GENERAL INSTRUCTIONS**

MISSILE is a water dispersible granule prepack mixture of cyprodinil and fludioxonil. Cyprodinil is systemic compound that is taken up into the cuticle and waxy layers of leaves and fruit. From there it is distributed and penetrates into other parts of the plant. Fludioxonil is the residual component of the mixture and stays mainly on the leaf and fruit surfaces.

APPLICATION*Ground Application Only:* Apply as a spray in a minimum of 400 L of water/ha. Ensure that the correct amount of MISSILE is applied per hectare irrespective of water application rate per hectare. Ensure bunches are thoroughly sprayed.**Dilute Spraying**

Use a sprayer designed to apply high volumes of water up to the point of runoff 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 runoff. Avoid excessive runoff. 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 runoff. 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 runoff) 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) 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*

- Dilute spray volume as determined above: for example 1000 L/ha
- Your chosen concentrate spray volume: for example 400 L/ha
- The concentration factor in this example is: 2.5 X (ie 1000 L :- 400 L = 2.5)
- If the dilute label rate is 80 g/100 L, then the concentrate rate becomes 2.5 x 80 g, that is 200 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.

MIXING

MISSILE is a water dispersible granule (WG) fungicide that 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. Add the surfactant at the completion of filling of the spray tank. Continue agitation while spraying.

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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.

COMPATIBILITY

MISSILE is compatible with Bugmaster* Flowable, Delfin* WG, MANZEB, Gusathion*, Kelthane*, Kocide*, CHLORPOS, Polyram DF, Ridomil* Gold Plus, Copper + Metalaxyl, Sanmite*, Thiovit*, Farnalinx Sulfur 800 WG, and Topas*. Mixtures with more than one of the above are not recommended. As formulations of other manufacturer's products are beyond the control of Farnalinx Pty Ltd, all mixtures should be tested prior to mixing commercial quantities. MISSILE may not be compatible with chlorothalonil.

FUNGICIDE RESISTANCE WARNINGFARMALINX MISSILE FUNGICIDE is a **GROUP 9/12 FUNGICIDE** combination of an anilino-pyrimidine and a phenylpyrrole fungicide. For fungicide resistance management, MISSILE is both a Group 9 and a Group 12 fungicide. Some naturally occurring individual fungi resistant to MISSILE and other Group 9 and Group 12 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 9 and Group 12 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 Farnalinx 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 Farnalinx Pty Ltd to ensure the wine will meet the requirements of the intended importing country.

FIRST AID

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

SDS

Additional information is listed in the safety data sheet (SDS). A safety data sheet for FARMALINX MISSILE Fungicide is available from FARMALINX Pty Ltd on request. Call Customer Service on 02 9389 2455.

NOTICE:

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. No warranty (other than non-excludable statutory warranties) of merchantability or fitness for a particular purpose, express or implied, extends to the use of product contrary to label instructions, or under off-label permits not endorsed by Farnalinx Pty Ltd or under abnormal conditions. Farnalinx Pty Ltd accepts no liability for any loss or damage arising from incorrect storage, handling or use.

farnalinx
Partners in Agriculture

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PRECAUTION**Re-entry Period:** DO NOT enter treated area without protective clothing until spray has dried.**INTEGRATED PEST MANAGEMENT**

This product can be used where integrated pest management is being practiced.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

HIGHLY TOXIC TO AQUATIC ORGANISMS. DO NOT apply if heavy rains are imminent. DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto adjacent areas, particularly wetlands, waterbodies, or watercourses.

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-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 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

Will irritate the eyes. Avoid contact with eyes. If product in eyes, wash it out immediately with water. When opening the container, preparing spray and using the prepared spray wear, cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow length PVC gloves and face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

CAUTION
KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING**Missile**ACTIVE CONSTITUENTS: 375 g/kg CYPRODINIL
250 g/kg FLUDIOXONIL
GROUP 9/12 FUNGICIDE**For the control of Grey Mould (Botrytis Cinerea) in Grapes****IMPORTANT: THIS LEAFLET IS PART OF THE LABEL ATTACHED TO THE CONTAINER. READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.****farnalinx**FARMALINX Pty Ltd ABN 95 134 353 245
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