



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

# MERIVON® FUNGICIDE

**ACTIVE CONSTITUENT: 250 g/L PYRACLOSTROBIN  
250 g/L FLUXAPYROXAD**

GROUP	<b>7 11</b>	FUNGICIDE
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For the control of certain foliar diseases in cherries and almonds, and husk spot in macadamia as per the Directions for Use Table.

CONTENTS: 1 – 110 L

BASF Australia Ltd ABN 62 008 437 867  
Level 12, 28 Freshwater Place Southbank VICTORIA 3006

® Registered trademark of BASF

APVMA Approval No.: 85698/113872

**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 for appropriate disposal at 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**

Harmful if inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale spray mist. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves. In addition, 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. After each day's use, wash gloves. Wash hands after use.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126. If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

**SAFETY DATA SHEET**

Additional information is listed in the 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 2010 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 by aircraft.

DO NOT apply if heavy rains or storms are forecast within 3 days.

DO NOT irrigate to the point of runoff for at least 3 days after application.

DO NOT apply to water-logged soil

### SPRAY DRIFT RESTRAINTS

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.

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

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.

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 **160 metres** downwind from the application area.

CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Macadamia	Husk spot ( <i>Pseudocercospora macadamiae</i> )	40 mL/100L	21 days	Commence MERIVON application at match head growth stage and repeat applications at 21 days interval. Apply a maximum of 3 applications of MERIVON a year, and no more than 2 consecutive applications per year. Ensure that fungicides from an alternative chemical group are included in the spray program each season. DO NOT exceed a spray volume of 2500 L/ha

CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Almond	Shot hole ( <i>Wilsonomyces carpophilus</i> ) Blossom blight/Brown rot ( <i>Monilinia spp</i> ) Leaf Rust ( <i>Tranzschelia discolor</i> ) Alternaria Leaf Spot ( <i>Alternaria alternate</i> ) Anthracnose ( <i>Colletotrichum acutatum</i> ) Scab or Freckle ( <i>Cladosporium carpophila</i> )	40 mL/100L	21 days	Use Merivon in a preventative fungicide program with spray intervals of 10-21 days. Apply between 1500 and 2500 L/ha; for concentrate spray refer to Application section. Apply a maximum of 3 applications of MERIVON a year, and no more than 2 consecutive applications per year. Ensure that fungicides from an alternative chemical group are included in the spray program each season. DO NOT exceed a spray volume of 2500 L/ha. The use of Merivon Fungicide is subject to CropLife Australia Resistance Management Strategies for Blossom blight/Brown rot and Rust in Almonds.
Cherries	Blossom blight/Brown rot ( <i>Monilinia spp</i> )	25 mL/100L	2 day	Use Merivon Fungicide in a preventative spray program with spray intervals of 7-14 days. For best Blossom blight/brown rot control commence the application at early flowering follow by an application at full bloom Apply a maximum of 3 application of MERIVON a year, and no more than two consecutive applications per year. DO NOT exceed a spray volume of 2000 L/ha. The use of Merivon Fungicide on Blossom blight/Brown rot is subject to a CropLife Australia Resistance Management Strategy.

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

#### WITHHOLDING PERIODS

Almonds & Macadamias: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.

Cherries: DO NOT HARVEST FOR 2 DAYS AFTER APPLICATION.

DO NOT graze treated areas

#### TRADE ADVICE

##### EXPORT OF TREATED PRODUCE

Growers should note the maximum residue limits (MRLs) or import tolerances may not exist in all markets for almonds, macadamias or cherries treated with MERIVON. If you are growing almonds, macadamias or cherries for export, please check with BASF Australia Ltd for the latest information on MRLs and import tolerances before using MERIVON.

## GENERAL INSTRUCTIONS

### FUNGICIDE RESISTANCE WARNING

<b>GROUP</b>	<b>7 11</b>	<b>FUNGICIDE</b>
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MERIVON Fungicide is a member of the succinate dehydrogenase inhibitor (SDHI) and strobilurin group of fungicides. For fungicide resistance management, MERIVON Fungicide is a Group 7 and 11 fungicide. Some naturally-occurring individual fungi resistant to MERIVON Fungicide and other Group 7 and 11 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 MERIVON Fungicide or other Group 7 or 11 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 MERIVON to control resistant fungi.

### MIXING

To ensure even mixing, half-fill the spray tank with clean water and add the required amount of product. If required, add compatible products and agitate thoroughly, then add the remainder of the water. Agitate again before spraying commences.

### APPLICATION

Macadamia/ Almond/ Cherry:

#### 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

- ◆ 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.

**RE-ENTRY PERIOD**

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear 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 WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT apply under weather conditions or from spraying equipment which could be expected to cause spray drift. Very toxic to aquatic life. DO NOT contaminate wetlands or water courses 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 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, triple rinse, break, crush or puncture and deliver empty packaging for appropriate disposal at 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. Empty containers and product must not be burnt.

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