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CAUTION

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

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

GROUP	7	11	FUNGICIDE

For the control of certain foliar diseases in cherries and almonds, husk spot and flower blight in macadamia and various diseases in fruiting vegetables, cucurbits, lemon, tangelo and mango as per the DIRECTIONS FOR USE table.

IMPORTANT: READ THE SAFETY DIRECTIONS BEFORE USING THIS PRODUCT

CONTENTS: 1L - 110L

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APVMA Approval No.: 85698/141409

SC FORMULATION TYPE Suspension Concentrate

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DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply with aerial spraying.
DO NOT apply if heavy rains or storms are forecast within 3 days.
DO NOT irrigate to the point of field runoff for at least 3 days after application.
DO NOT apply to water-logged soil.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift.

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between 3 and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

Boom Sprayers

DO NOT apply by a boom sprayer unless the following requirements are met:

- spray droplets not smaller than a **medium** spray droplet size category
- minimum distances between the application site and downwind sensitive areas (see ‘Mandatory buffer zones’ section of the following table titled ‘Buffer zones for boom sprayers’) are observed.

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to maximum label rate	0.5 m or lower	0 metres	50 metres	0 metres	0 metres	0 metres
	1.0 m or lower	0 metres	150 metres	0 metres	0 metres	0 metres

Vertical Sprayers

DO NOT apply by a vertical sprayer unless the following requirements are met:

- spray is not directed above the target canopy
- the outside of the sprayer is turned off when turning at the end of rows and when spraying the outer row on each side of the application site
- for dilute water rates up to the maximum listed for each type of canopy specified, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for vertical sprayers') are observed.

Buffer zones for vertical sprayers

Application rate	Type of target canopy and dilute water rate	Mandatory downwind buffer zones				
		Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
40 mL/100 L	2 metres tall and shorter, maximum dilute water rate of 1000 L/ha	0 metres	20 metres	0 metres	0 metres	0 metres
	taller than 2 metres (not fully-foliated), maximum dilute water rate of 2500 L/ha	0 metres	60 metres	0 metres	0 metres	0 metres
	taller than 2 metres (fully-foliated), maximum dilute water rate of 2500 L/ha	0 metres	55 metres	0 metres	0 metres	0 metres
25 mL/100 L	2 metres tall and shorter, maximum dilute water rate of 1000 L/ha	0 metres	15 metres	0 metres	0 metres	0 metres
	taller than 2 metres (not fully-foliated), maximum dilute water rate of 2500 L/ha	0 metres	50 metres	0 metres	0 metres	0 metres
	taller than 2 metres (fully-foliated), maximum dilute water rate of 2500 L/ha	0 metres	40 metres	0 metres	0 metres	0 metres

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CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Macadamia	Husk spot (*Pseudocercospora macadamiae*)	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.
	Flower blight complex (dry flower raceme blight) including but not limited to: (*Pestalotiopsis* spp., *Neopestalotiopsis* spp., *Botrytis cinerea, Cladosporium* spp)			Apply MERIVON prior to flowering stage 1 (Fully elongated rachis, unopened green flower). Under high pressure, follow up with a second application at Stage 3 (Fully open white flower). Apply a maximum of 3 applications of MERIVON per year, and no more than 2 consecutive applications per year. Ensure that fungicides from an alternative chemical group are include din the spray program each season. DO NOT exceed spray volume of 2500 L/ha
Almond	Shot hole (*Wilsonomyces carpophilus*) Blossom blight/Brown rot (*Monilinia spp*) Leaf Rust (*Transchelia discolor*) Alternaria Leaf Spot (*Alternaria alternate*) Anthracnose (*Colletotrichum acutatum*) Scab or Freckle (*Cladosporium carpophila*) Suppression of Hull Rot (*Rhizopus* spp.)	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. For suppression of hull rot, 2 applications should be made at 7 to 14 day intervals, with application commencing at hull split. Use the shorter interval in conditions which favour disease development.
Cherries	Blossom blight/Brown rot (*Monilinia spp*)	25 mL/100L	1 day	Use MERIVON in a preventative fungicide 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.

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CROP	DISEASE	RATE	WHP	CRITICAL COMMENTS
Fruiting Vegetables (field only)	Powdery mildews (*Levelillula taurica* and *Oidium lycopersici*) Target spot (*Alternaria solani*)	240 mL/ha	Nil	Use Merivon in a preventative fungicide program with spray intervals of 7-14 days. Apply between 300 and 700 L/ha. 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 such as Belanty are included in the spray program each season.
Cucurbits (field only)	Gummy stem blight (*Didymella bryoniae*) Powdery mildew (*Sphaerotheca fuliginea*)	240 mL/ha	Nil	
Lemon and Tangelo	Emperor brown spot (*Alternaria alternata*) Blossom blight/mould (*Botrytis cinerea*)	25 mL/100L	Nil	Use Merivon in a preventative fungicide program with spray intervals of 7-14 days. Apply a maximum of 3 applications of MERIVON a year, and no more than 2 consecutive applications per year. Apply as a dilute spray up to the point of runoff, to a maximum volume of 2000L/ha. Ensure that fungicides from an alternative chemical group are included in the spray program each season.
Mango	Anthracnose (*Colletotrichum spp*) Powdery Mildew *(Oidium* spp.)	25 mL/100L	Nil	Use Merivon in a preventative fungicide program with spray interval of 14 days. Apply a maximum of 4 applications of MERIVON a year, and no more than 2 consecutive applications per year.

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

WITHHOLDING PERIODS

Fruiting vegetables, Cucurbits, Citrus, and Mango: Not required when used as directed.

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

Cherries: DO NOT HARVEST FOR 2 DAYS AFTER APPLICATION.

TRADE ADVICE

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

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GENERAL INSTRUCTIONS

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.

MERIVON Fungicide is a suspension concentrate (SC) formulation. When using in a tank mix with other products, the following mix order should be observed:

1. Half fill the spray tank with water. Maintain constant agitation;
2. Add any water dispensable granule (WDG/WG), wettable powder (WP), soluble powders (SP) dry flowable (DF), water soluble granules (SG) formulated products first and allow dispersion
3. Add any other flowable liquid (FL), capsule suspensions (CS), soluble concentrate (SC) formulations including MERIVON Fungicide
4. Add any other emulsifiable concentrations (EC) formulations
5. Add any water-soluble salts/liquids (SL)
6. Add any adjuvants as required
7. Add any foliar fertilizer as required
8. Add remaining water

APPLICATION

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 L ÷ 500 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

MERIVON Fungicide is physically compatible with the following products in a two-way tank-mix (maintain constant agitation throughout):
Fungicides: Acrobat SC, Bravo Weather Stik (SC), Captan 900 WG, Dithane Rainshield (WG), Filan (WG), Polyram DF, Switch (WG), Top Wettable Sulphur 800WG, Zampro (SC).

Insecticides: Belt 480 SC, Calypso 480 SC, Chess (WG), Confidor 200 SC, Coragen (SC), Danisaraba (SC), Delegate (WG), Karate Zeon (CS), Lorsban 500 EC, Movento 240 SC, Proclaim (SG), Prodigy (SC), Success Neo (SC),

Regalis Plus (WG) Plant Growth Regulator.

MERIVON is not compatible with Blue Shield DF Copper (DF) and Ziram (WG).

Note: ( ) represents product formulation type.

As formulations of other manufacturer's products are beyond the control of BASF, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities. Physical compatibility of products does not necessarily guarantee biological compatibility. When determining physical compatibility of a product not listed above, or in mixes with MERIVON more than a two-way mix, conduct a jar test prior to mixing commercial quantities.

FUNGICIDE RESISTANCE WARNING

GROUP	7	11	FUNGICIDE

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.

RE-ENTRY PERIOD

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.

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

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, 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.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Do not inhale vapour. 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. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat. 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 13 11 26.

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.

APVMA Approval No: 85698/141409

Batch No:
Date of Manufacture:

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

Hazard statements

May cause respiratory irritation. Suspected of causing cancer.
Precautionary statements (prevention) Wear eye protection. Use only outdoors or in a well-ventilated area. **Precautionary statements (response)** If inhaled: Remove person to fresh air and keep comfortable for breathing. Collect spillage