

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

DANISARABA[®] MITICIDE

ACTIVE CONSTITUENT: 200g/L CYFLUMETOFEN

GROUP **25A** INSECTICIDE

For the control of Two spotted mite, European red mite and Bryobia mite in pome fruit, almonds and ornamentals; for Two spotted mite, Citrus red mite and Oriental spider mite in citrus; for Two spotted mite in grapes; for Two spotted mite and European red mite in fruiting vegetables and strawberry, as per the Directions for Use table.

IMPORTANT: READ THE LEAFLET BEFORE USING THIS PRODUCT

CONTENTS: 1 L - 1000 L

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DIRECTIONS FOR USE

RESTRAINTS

For PROFESSIONAL use only.

DO NOT apply by aerial spraying.

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.

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 buffer zone table 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.

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

- Spray droplets are not smaller than a **COARSE** spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see following table titled "Buffer Zones for Boom Sprayer") 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	0 metres	0 metres	0 metres	0 metres
	1.0 m or lower	0 metres	5 metres	0 metres	10 metres	0 metres

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
100mL/ 100 L	2 metres tall and shorter, maximum dilute water rate of 1000 L/ha	0 metres	0 metres	0 metres	0 metres	0 metres
	Taller than 2 metres (not fully-foliated), maximum dilute water rate of 4000 L/ha	0 metres	20 metres	0 metres	20 metres	10 metres
	Taller than 2 metres (fully-foliated), maximum dilute water rate of 4000 L/ha	0 metres	10 metres	0 metres	15 metres	5 metres

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Pome fruit (apple and pears) Almond	Two spotted mite (<i>Tetranychus urticae</i>) European red mite (<i>Panonychus ulmi</i>) Bryobia mite (<i>Bryobia</i> spp.)	100mL/100L	7 days	Monitor crops and commence applications before local threshold levels are reached. Continue to monitor crops and make subsequent applications after 14 days where necessary. Apply a maximum of 2 sprays per season. Alternate the applications of DANISARABA MITICIDE with a miticide from a different Mode of Action. Refer to the Crop Life Australia Guidelines for resistance management.
Citrus fruit	Two spotted mite (<i>Tetranychus urticae</i>) Citrus red mite (<i>Panonychus citri</i>) Oriental spider mite (<i>Euteranychus orientalis</i>)			DANISARABA MITICIDE is not systemic and does not have translaminar activity. Apply in sufficient water to ensure thorough coverage to the point of runoff of the target crop. It is recommended that on larger tree and vine crops, water volumes of 1000L/ha and above are used. If concentrate spraying, ensure thorough coverage of the target crop, ensuring a minimum of 1L/ha of product is applied. For CONCENTRATE spraying, refer to APPLICATION section below. The addition of an adjuvant appropriate for the crop being sprayed may aid in speed of knockdown and the overall control.
Grape (Wine and Table)	Two spotted mite (<i>Tetranychus urticae</i>)		14 days	Pome fruit: DO NOT apply a water volume greater than 3000 L/ha per application. Citrus fruit: DO NOT apply a water volume greater than 4000 L/ha per application.

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Strawberry Fruiting Vegetables, including tomatoes, capsicums, chili peppers and eggplants	Two spotted mite (<i>Tetranychus urticae</i>) European red mite (<i>Panonychus ulmi</i>)	1 L/ha	1 day	Monitor crops and commence applications before local threshold levels are reached. Continue to monitor crops and make subsequent applications after 14 days where necessary. Apply a maximum of 2 sprays per growing season. Alternate the applications of DANISARABA MITICIDE with a miticide from a different Mode of Action. Refer to the Crop Life Australia Guidelines for resistance management. DANISARABA MITICIDE is not systemic and does not have translaminar activity. Apply in sufficient water to ensure thorough coverage to the point of runoff of the target crop. For CONCENTRATE spraying, refer to APPLICATION section below. The addition of an adjuvant appropriate to the crop being sprayed may aid in speed of knockdown and the overall control.
Protected Strawberry Protected Tomatoes			1 day	
Ornamentals, including Chrysanthemum, Cyclamen, Fuchsia, Gerbera daisy, Rose and African violets (<i>Saintpaulia</i> spp) (field and protected)	Two spotted mite (<i>Tetranychus urticae</i>) European red mite (<i>Panonychus ulmi</i>) Bryobia mite (<i>Bryobia</i> spp.)	100mL/100L	-	Monitor crops and commence applications before local threshold levels are reached. Continue to monitor crops and make subsequent applications after 14 days where necessary. Apply a maximum of 2 sprays per growing season. Alternate the applications of DANISARABA MITICIDE with a miticide from a different Mode of Action. Refer to the Crop Life Australia Guidelines for resistance management. DANISARABA MITICIDE is not systemic and does not have translaminar activity. Apply in sufficient water to ensure thorough coverage to the point of runoff and penetration of the target plants. The addition of an appropriate adjuvant may aid in speed of knockdown and the overall control. Test the safety and compatibility of all adjuvants before use. Always read and follow the specific adjuvant label using the correct concentration of adjuvant to avoid plant injury. For ornamentals not listed on the label, a small test application to assess for phytotoxicity should be made before spraying the whole crop.

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

WITHHOLDING PERIOD

HARVEST

POME FRUIT, ALMOND, CITRUS: **DO NOT** HARVEST FOR 7 DAYS AFTER APPLICATION

GRAPES: **DO NOT** HARVEST FOR 14 DAYS AFTER APPLICATION

TOMATO, STRAWBERRY, FRUITING VEGETABLES: **DO NOT** HARVEST FOR 1 DAY AFTER APPLICATION

ORNAMENTALS: NOT REQUIRED WHEN USED AS DIRECTED

GRAZING

POME FRUIT, ALMOND, CITRUS AND GRAPES: **DO NOT** ALLOW LIVESTOCK TO GRAZE IN TREATED AREAS.

ORNAMENTALS: **DO NOT** ALLOW LIVESTOCK TO GRAZE IN TREATED AREAS OR CUT FOR STOCK FEED.

Export of treated commodities

Growers should note that Maximum Residue Limits (MRLs) or import tolerances do not exist in all markets for labelled crops treated with DANISARABA MITICIDE. Additionally, some export markets have established MRLs different to those in Australia. If you are growing crops for export, please check with BASF Australia Ltd, for the latest information on MRLs and import tolerances BEFORE using this product.

GENERAL INSTRUCTIONS

DANISARABA MITICIDE is a miticide which acts by inhibiting electron transport in the respiration system of insects. Monitor crops and apply DANISARABA MITICIDE as threshold levels are reached. DANISARABA MITICIDE has low toxicity to beneficial insects and is suitable for use in Integrated Pest Management programs.

APPLICATION

To be effective, thorough crop coverage is required (up to the point of runoff). Adjust water volumes according to the crop growth stage to ensure thorough coverage and apply to the point of run-off. The addition of an appropriate adjuvant may improve spray coverage. DANISARABA MITICIDE is not systemic and does not have translaminar activity meaning good spray coverage is essential. Tank mixes with Summer oil or an organophosphate insecticide IS NOT recommended.

Before spraying Ornamentals not listed on the label, a small test application should be made to assess for phytotoxicity.

Mixing Instructions

Measure the required amount of DANISARABA MITICIDE, add to partly filled spray tank, and then add the remainder of the water. Where required, add a non-ionic surfactant at the end of the filling process.

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

- Half fill the spray tank. Maintain constant agitation;
- Add any granule (WG) formulated products first and allow dispersion, followed by any suspension concentrates (SC/flowable) including DANISARABA MITICIDE;
- Add any other EC formulations;
- Add any water-soluble salts;
- Add any adjuvants as required.

Compatibility

DANISARABA MITICIDE is physically compatible with the following products (maintain constant agitation):

Fungicides: Polyram, Delan, Luna Sensation, Fontelis, Toledo, Serifel, Systhane, Belanty, Switch, Bravo, Merivon, Vivando, Pristine, Cabrio, Nimrod, Kocide Blue Xtra, Tri-Base Blue and Captan.

Insecticides: Versys, Success Neo, Belt, Movento and Altacor.

DANISARABA MITICIDE is not compatible with Mancozeb 750 WG.

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.

Dilute Spraying

Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the stage of growth of crop being sprayed. Calibrate and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop 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 specialist advice. Spray to the point of run-off. The required dilute spray volume, sprayer calibration and operation may all need to be changed as the crop grows.

Concentrate Spraying

Use a sprayer designed and calibrated for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the stage of crop being sprayed. Calibrate 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 spraying can then be calculated in the following way:

Example only - Dilute spray volume, as determined above to achieve coverage near the point of run-off, for example is 1000 L/ha. Your chosen concentrate spray volume is 500 L/ha. The concentration factor in this example is: $2 \times (1000 \text{ L} \div 500 \text{ L} = 2)$. If the dilute label rate is 100 mL/100 L, then the concentrate rate becomes 2×100 , which is 200 mL/100 L of water. 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.

IPM compatibility

DANISARABA MITICIDE has low toxicity to insect predators and is suitable for use where IPM is practiced.

INSECTICIDE RESISTANCE WARNING

GROUP 25A INSECTICIDE

For insecticide resistance management DANISARABA MITICIDE is a Group 25A insecticide. Some naturally-occurring insect biotypes resistant to DANISARABA MITICIDE and other Group 25A mites may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the mite population if DANISARABA MITICIDE or other Group 25A insecticides are used repeatedly. The effectiveness of DANISARABA MITICIDE on resistant individuals could be significantly reduced. Since occurrence of resistant insects is difficult to detect prior to use, BASF Australia Ltd accepts no liability for any losses that may result from the failure of DANISARABA MITICIDE to control resistant mites. DANISARABA MITICIDE may be subject to specific resistance management strategies. For further information, contact your local supplier, BASF Australia Ltd representative or local agricultural department agronomist.

RE-ENTRY PERIOD

DO NOT enter treated areas until spray has dried. If 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 contaminate wetlands or watercourses with this product or used containers

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight. Triple rinse containers before disposal. Dispose of rinsate or any undiluted chemical according to state/territory legislative requirements. 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

Avoid contact with skin. When opening the container, preparing the spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant gloves. 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 131126, New Zealand 0800 764 766.

ADDITIONAL USER SAFETY INFORMATION

WARNING: contains cyflumetofen, which may cause skin sensitisation. Sensitive individuals should avoid contact with this substance.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet available from your supplier.

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 Competition and Consumer 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: 89701/125839

Batch No:

Date of Manufacture:

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