

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of 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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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. **DO NOT** re-use empty container for any other purpose.

SAFETY DIRECTIONS

May irritate the skin. Will irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. **DO NOT** inhale dust. If product in eyes, wash it out immediately with water. 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 and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). In addition, if applying by low pressure hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist elbow-length chemical resistant gloves and disposable (mist) face mask covering mouth and nose. Wash hands after use. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766).

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or from our website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade CropScience shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade CropScience has any authority to add to or alter these conditions.

MACHINE[®] and VeripHy[®] are Registered Trademarks of Imtrade Australia Pty Ltd

VeripHy[®]

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



ACTIVE CONSTITUENT: 900g/kg BIFENAZATE

GROUP **20D** INSECTICIDE

For the control of Two-spotted Mite, European Red Mite and Bryobia Mite in Pome Fruit, Stone Fruit, Almonds, Fruiting Vegetables, Cucurbits, Papaya and Strawberries as specified in the Directions for Use Table.

IMPORTANT: Read the attached Leaflet before use.

FORM
WG

CONTENTS
1kg-15kg



Batch No.
DOM:

UN 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S (contains BIFENAZATE)
In a Transport Emergency Dial 000 Police or Fire Brigade	
PG III	HAZCHEM 2X

APVMA Approval No: 94402/142344



IMTRADE
CropScience

17 Ocean St, Kwinana Beach WA 6167
08 9419 0333 | www.imtrade.com.au

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



ACTIVE CONSTITUENT: 900g/kg BIFENAZATE

GROUP 20D INSECTICIDE

For the control of Two-spotted Mite, European Red Mite and Bryobia Mite in Pome Fruit, Stone Fruit, Almonds, Fruiting Vegetables, Cucurbits, Papaya and Strawberries as specified in the Directions for Use Table

**IMPORTANT: READ THIS LEAFLET THOROUGHLY
BEFORE OPENING OR USING THIS PRODUCT**

APVMA APPROVAL No: 94402/142344

Imtrade Australia Pty Ltd
ABN 13 090 151 134
17 Ocean Street, Kwinana, Western Australia 6167
Tel: (08) 9419 0333 Fax: (08) 9419 7516
Web: www.imtrade.com.au

RESTRAINTS

DO NOT apply using spraying equipment carried on the back of the user.

DO NOT use if rainfall is expected before spray has dried as reduced efficacy may result.

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 tables 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 **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.

DIRECTIONS FOR USE

Crop	Pest	Rate	WHP	Critical Comments
Apples & Pears	Two-spotted Mite (<i>Tetranychus urticae</i>)	Dilute Spraying 35g/100L (31.5g ai/100L)	Harvest 7 days	MACHINE® 900 VeripHy® WG should be applied to the point of run-off as soon as mites appear.
	European Red Mite (<i>Panonychus ulmi</i>)		Grazing 28 days	
Apricots, Nectarines, Peaches & Plums	Bryobia Mite (<i>Bryobia rubrioculus</i>)		Harvest 3 days	Equipment should be calibrated so that no less than 1000L of water is applied per hectare.
			Grazing 28 days	
Almonds	Two-spotted Mite (<i>Tetranychus urticae</i>)		Harvest 14 days	
	Bryobia Mite (<i>Bryobia rubrioculus</i>)		Grazing 28 days	

Crop	Pest	Rate	WHP	Critical Comments	
Fruiting Vegetables including: Tomatoes, Capsicum, peppers and Eggplant (excluding Sweetcorn and Mushrooms)	Two-spotted Mite (<i>Tetranychus urticae</i>) Bryobia Mite (<i>Bryobia rubrioculus</i>)	Dilute Spraying 35g/100L (31.5g ai/100L)	1 day	MACHINE® 900 VeripHy® WG should be applied to the point of run-off as soon as mites appear. Equipment should be calibrated so that no less than 1000L of water is applied per hectare. Complete coverage of all foliage is essential.	
			3 days		Only one application should be made per season.
			1 day		
			Cucurbits (excluding Cucumber)		
Cucumber			7 days		
Papaya	Two-spotted Mite (<i>Tetranychus urticae</i>)				
Strawberries	Two-spotted Mite (<i>Tetranychus urticae</i>) Bryobia Mite (<i>Bryobia rubrioculus</i>)	Dilute Spraying 35g/100L (31.2g ai/100L)	1 day	DO NOT apply more than 2 applications per growing season. DO NOT re-apply within 21 days of the previous application. A different acaracide should be used between MACHINE® 900 VeripHy® WG applications.	

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

WITHHOLDING PERIODS

CUCUMBER, FRUITING VEGETABLES (except Sweetcorn, Mushroom) and **STRAWBERRIES**: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.

APRICOTS, NECTARINES, PEACHES AND PLUMS, CUCURBITS (except Cucumber): DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.

PAPAYA, POME FRUIT: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

ALMONDS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

FRUIT: DO NOT FEED TREATED PRODUCE TO LIVESTOCK FOR 7 DAYS AFTER APPLICATION.

ALMONDS: DO NOT FEED TREATED PRODUCE TO LIVESTOCK FOR 14 DAYS AFTER APPLICATION.

ALL ORCHARD CROPS: DO NOT ALLOW LIVESTOCK TO GRAZE IN TREATED AREA FOR 28 DAYS AFTER APPLICATION.

EXPORT OF TREATED PRODUCT

MRLs or import tolerances for Bifenazate may not be established in all markets. If you are using this product on Apples, Pears, Apricots, Nectarines, Peaches, Plums, Almonds, Fruiting Vegetables, Cucurbits, Papaya and Strawberries for export, please check with Imtrade CropScience for the latest information.

GENERAL INSTRUCTIONS

MACHINE® 900 VeripHy® WG is a selective miticide for the control of plant-eating mite pests on Apples, Pears, Apricots, Nectarines, Peaches, Plums, Almonds, Fruiting Vegetables including Tomatoes, Capsicum, Peppers and Eggplant, Cucurbits, Papaya and Strawberries. When used as directed and applied to the foliage, it provides quick knockdown through contact activity, and good residual control.

Due to its unique chemistry, mode of action and selective nature, MACHINE® 900 VeripHy® WG is relatively inactive against beneficial/predaceous mites and insects and therefore is compatible with IPM and resistance management programs.

Crop Monitoring:

Effective control depends on regular crop monitoring. Check trees regularly (every 3-5 days) during the season.

Mixing Instructions:

Add a few grams of MACHINE[®] 900 VeripHy[®] WG to a sample of water to be used in the spray solution preparation and mix thoroughly.

If a yellow colouring is exhibited, this signals that the spray solution is acidic ($\text{pH} < 7$) and alkaline hydrolysis is not a threat with no further action needed. Progress directly to spray solution preparation at full scale.

If a purple colouring is exhibited, this signals that the spray solution is alkaline ($\text{pH} > 7$) and alkaline hydrolysis is a threat. The spray tank dilution water requires treatment with an acidifying agent. Imtrade Pro 700 Surfactant (APVMA Product No. 64260) or an equivalent product should be added in line with label directions to reduce the pH to a preferred level and preserve Bifenazate. After acidification retest the dilution water by adding a few granules of MACHINE[®] 900 VeripHy[®] WG and only progress to spray solution preparation at full scale when a yellow colouring is exhibited.

OK**Acidify - add Imtrade Pro 700 Surfactant**

Measure the required amount of MACHINE[®] 900 VeripHy[®] WG, add to partly filled spray tank under agitation, and then add the remainder of the water.

Use a sprayer designed to apply high volumes of spray solution 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 (MACHINE[®] 900 VeripHy[®] WG + water) to cover the crop to the point of run-off. Avoid excessive run-off. The required amount of spray solution (MACHINE[®] 900 VeripHy[®] WG + water) will change as the crop grows. The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.

MACHINE[®] 900 VeripHy[®] WG has been shown to degrade rapidly when mixed and stored with alkaline water. To prevent degradation under alkaline conditions, solutions of MACHINE[®] 900 VeripHy[®] WG must be used promptly (within 24 hours).

Alternatively, a commercially available buffering agent can be added to the solution to reduce the pH to a neutral/acidic range.

Application:

MACHINE[®] 900 VeripHy[®] WG is non-systemic in action and therefore complete coverage is required for mite control.

COMPATIBILITY

A number of insecticides and fungicides are compatible with MACHINE[®] 900 VeripHy[®] WG if mixed in the spray tank and used promptly. As it is impossible to know all the commercial products on sale, Imtrade CropScience cannot assume any responsibility for tank mix compatibility. Imtrade CropScience can only recommend to the user that a preliminary compatibility test be carried out with the planned mixture to observe the physical aspect of the spray and the reaction it may produce on the plants to be treated during the days following the test.

VeripHy[®] Colour Indication

Bifenazate is subject to alkaline hydrolysis once diluted as a spray solution, being the degradation of active ingredient content on reaction with water, at pH > 7.

The magnitude of degradation of Bifenazate varies with temperature, time held in the spray tank, the presence of other chemicals and contaminants and the extent to which the pH level is greater than 7.

To proactively manage the threat of alkaline hydrolysis, MACHINE[®] 900 VeripHy[®] WG is equipped with colour indication technology. This forewarns when there may be a problem and equally provides surety when there is not.

INSECTICIDE RESISTANCE WARNING

GROUP 20D INSECTICIDE

For insecticide resistance management, MACHINE[®] 900 VeripHy[®] WG is a Group **20D** Insecticide. Some naturally occurring insect biotypes resistant to MACHINE[®] 900 VeripHy[®] WG and other Group **20D** Insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if MACHINE[®] 900 VeripHy[®] WG or other Group **20D** Insecticides are used repeatedly. The effectiveness of MACHINE[®] 900 VeripHy[®] WG on resistant individuals could be significantly reduced.

Since the occurrence of resistant individuals is difficult to detect prior to use, Imtrade CropScience accepts no liability for any losses that may result from the failure of MACHINE[®] 900 VeripHy[®] WG to control resistant insects.

RESISTANCE MANAGEMENT

Pome & Stone Fruit, Almonds, Fruiting Vegetables including Tomatoes, Capsicum, Peppers and Eggplant, Cucurbits and Papaya: Only one application should be applied per season.

Strawberries: **DO NOT** apply more than 2 applications per growing season. **DO NOT** re-apply within 21 days of the previous application. A different acaricide should be used between MACHINE® 900 VeripHy® WG applications.

PRECAUTION

Re-entry Period

DO NOT allow entry into treated areas until the 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

Highly toxic to fish and aquatic organisms.

DO NOT contaminate streams, rivers or waterways with the chemical or used container.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Dangerous to bees.

DO NOT spray plants in flower while bees are foraging.

Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a dry, cool, well-ventilated area out of 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 to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm 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. **DO NOT** re-use empty container for any other purpose.

SAFETY DIRECTIONS

May irritate the skin. Will irritate the eyes. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. **DO NOT** inhale dust. If product in eyes, wash it out immediately with water. 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 and face shield or goggles. When using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). In addition, if applying by low pressure hand wand wear cotton overalls, over normal clothing, buttoned to the neck and wrist elbow-length chemical resistant gloves and disposable (mist) face mask covering mouth and nose. Wash hands after use. After each day's use, wash gloves and face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*).

Additional GHS Hazard & Precautionary Statements

- May cause an allergic skin reaction;
- May cause damage to organs through prolonged or repeated exposure;
- Very toxic to aquatic life with long lasting effects;
- DO NOT** get on clothing;
- Wash contacted areas thoroughly after handling;
- Contaminated work clothing should not be allowed out of the workplace;
- Avoid release to the environment;
- Get medical advice or attention if you feel unwell;
- Brush off loose particles from skin;
- IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting;
- IF ON SKIN:** Wash with plenty of soap and water;
- If skin irritation or rash occurs: Get medical advice;
- Collect spillage;
- In case of fire, use carbon dioxide, dry chemical, foam. Water fog or fine spray is the preferred medium for large fires.


SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet, which can be obtained from your supplier or from our website at www.imtrade.com.au

CONDITIONS OF SALE

Imtrade CropScience shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade CropScience has any authority to add to or alter these conditions.

MACHINE® and VeripHy® are Registered Trademarks of Imtrade Australia Pty Ltd

UN 3077	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (contains BIFENAZATE)	
IN A TRANSPORT EMERGENCY, DIAL 000 POLICE OR FIRE BRIGADE		
PG III	HAZCHEM 2X	

**MISCELLANEOUS
DANGEROUS
GOODS
9**

APVMA Approval No: 94402/142344