

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**SureFire**

**MACROMITE\***

**MITICIDE**

ACTIVE CONSTITUENT: 480 g/L 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 indicated in the DIRECTIONS FOR USE table.

**IMPORTANT: READ THIS BOOKLET BEFORE USE**



HOLDINGS PTY LTD

APVMA Approval No: 81158/131207

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(PCT Holdings Pty Ltd ABN 11 099 023 962)

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CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877

**DIRECTIONS FOR USE:****Restraint:**

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

Crop	Pest	Rate	WHP	Critical Comments
Apples & Pears	Two-spotted mite ( <i>Tetranychus urticae</i> ) European red mite	Dilute spraying 65 mL/100 L	Harvest 7 days	Surefire Macromite Miticide should be applied to the point of run-off as soon as mites appear. Equipment should be calibrated so that no less than 1000 L of water is applied per hectare. Complete coverage of all foliage is essential. Only one application should be made per season.
Apricots, nectarines, peaches & plums	(Panonychus ulmi) Bryobia mite ( <i>Bryobia rubrioculus</i> )		Grazing 28 days	
			Harvest 3 days	
			Grazing 28 days	
Almonds	Two-spotted mite ( <i>Tetranychus urticae</i> ) Bryobia mite ( <i>Bryobia rubrioculus</i> )		Harvest 14 days	
Fruiting vegetables including; tomatoes, capsicum, peppers and eggplant (excluding sweet corn and mushrooms)			Grazing 28 days	
			1 day	
			3 days	
			1 day	
Cucurbits (excluding cucumber)				
Cucumber				
Papaya	Two-spotted mite ( <i>Tetranychus urticae</i> )			
Strawberries	Two-spotted mite ( <i>Tetranychus urticae</i> ), Bryobia mite ( <i>Bryobia rubrioculus</i> )		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 acaricide should be used between Surefire Macromite applications.

**SAFETY DIRECTIONS**

Harmful if inhaled. May irritate the eyes. Avoid contact with eyes. Do not inhale spray mist. When opening the container, preparing product for use and using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), disposable (mist) face mask covering mouth and nose. 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 contaminated clothing.

**FIRST AID:**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131 126; New Zealand 0800 764 766.

**SAFETY DATA SHEET**

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

**NOTICE**

PCT Holdings Pty Ltd warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by PCT Holdings Pty Ltd, or under abnormal conditions.

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

**WITHHOLDING PERIODS:****Harvest**

Pome Fruit: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.

Apricots, Nectarines, Peaches And Plums: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.

Almonds: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.

Cucumber, Fruiting Vegetables (Except Sweet Corn, Mushroom) And Strawberries: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION

Cucurbits (except Cucumber): DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION

Papaya: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION

**Grazing**

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 produce: 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 PCT Holdings Pty Ltd for the latest information.

**GENERAL INSTRUCTIONS:**

Surefire Macromite Miticide 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 strawberry. 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, Surefire Macromite Miticide is relatively inactive against beneficial/predateous 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:**

Measure the required amount of Surefire Macromite Miticide, 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 (Surefire Macromite Miticide + water) to cover the crop to the point of run-off. Avoid excessive run-off. The required amount of spray solution (Surefire Macromite Miticide + 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.

Surefire Macromite Miticide has been shown to degrade rapidly when mixed and stored with alkaline water. To prevent degradation under alkaline conditions, solutions of Surefire Macromite Miticide 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:**

This product is non-systemic in action and therefore complete coverage is required for mite control.

**Compatibility:**

A number of insecticides and fungicides are compatible with Surefire Macromite Miticide if mixed in the spray tank and used promptly. As it is impossible to know all the commercial products on sale, we cannot assume any responsibility for tank mix compatibility. We 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.

**Resistance Management:**

Pome and 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 Surefire Macromite applications.

**Insecticide Resistance Warning:**

GROUP	<b>20D</b>	INSECTICIDE
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For insecticide resistance management Surefire Macromite Miticide is a Group 20D insecticide. Some naturally occurring insect biotypes resistant to Surefire Macromite Miticide 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 Surefire Macromite Miticide or other Group 20D insecticides are used repeatedly. The effectiveness of Surefire Macromite Miticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of Surefire Macromite Miticide to control resistant insects.

**PRECAUTION:**

Do not apply using spraying equipment carried on the back of the user.

**Re-entry Period:**

Do not allow entry into 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:**

Highly toxic to fish and aquatic organisms. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers. DO NOT allow spray drift to contaminate streams, rivers or waterways. Dangerous to bees. DO NOT spray plants in flower while bees are foraging.

**STORAGE AND DISPOSAL**

Store in the closed, original container in a dry cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Triple rinse containers before disposal. Add rinsings to the 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.