

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

#### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical 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 and product. **DO NOT** re-use empty container for any other purpose.

#### SAFETY DIRECTIONS

Will irritate the eyes. May irritate the skin. Avoid contact with the eyes. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), 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). If product in eyes, wash it out immediately with water. 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](http://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.

MOTTO® and RMR® are Registered Trademarks of Imtrade Australia Pty Ltd

**IMTRADE**  
**MOTTO**®  
**RMR® MITICIDE**

ACTIVE CONSTITUENTS: 110g/L ETOXAZOLE  
110g/L PIPERONYL BUTOXIDE

**GROUP 10B INSECTICIDE**

For the control of Mites in Grapes, Oranges, Apples, Nectarines, Tomatoes,  
Cotton and Almonds as specified in the Directions for Use table.

**IMPORTANT: Read the attached Leaflet before use.**

<b>UN</b> <b>3082</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (contains ETOXAZOLE, PIPERONYL BUTOXIDE)
In a Transport Emergency Dial 000 Police or Fire Brigade	
PG III	HAZCHEM *3Z

APVMA Approval No: 92373/135307



**RMR**®

FORM  
**EC**

CONTENTS  
**1L-20L**



Batch No.  
DOM:

**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
08 9419 0333 | [www.imtrade.com.au](http://www.imtrade.com.au)

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**IMTRADE**  
**MOTTO**®  
**RMR® MITICIDE**

**ACTIVE CONSTITUENTS: 110g/L ETOXAZOLE  
110g/L PIPERONYL BUTOXIDE**

**GROUP 10B INSECTICIDE**

For the control of Mites in Grapes, Oranges, Apples, Nectarines,  
Tomatoes, Cotton and Almonds as specified in  
the Directions for Use table.

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

**APVMA Approval No: 92373/135307**

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](http://www.imtrade.com.au)

## RESTRAINTS

**DO NOT** apply by aircraft, other than by helicopter for Cotton applications.

**DO NOT** apply more than one spray per season.

**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.

## SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [www.apvma.gov.au/spraydrift](http://www.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.

## BOOM SPRAYERS

- **DO NOT** apply by a boom sprayer unless the following requirements are met:
  - Spray droplets are 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 '**Mandatory Buffer Zones**') are observed.

## Buffer zones for Boom Sprayers

Application Rate	Boom height above the target canopy	Mandatory downwind buffer zones				
		Bystander area	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to maximum label rate	0.5m or lower	0 metres	80 metres	0 metres	0 metres	0 metres
	1.0m or lower	0 metres	240 metres	0 metres	0 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 area	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
35 mL/100L	2 metres tall and shorter, maximum dilute water rate of 1000L/ha	0 metres	30 metres	0 metres	0 metres	0 metres
	2 metres tall and shorter, maximum dilute water rate of 2000L/ha	0 metres	40 metres	0 metres	0 metres	0 metres
	taller than 2 metres (not fully-foliated), maximum dilute water rate of 2000L/ha	0 metres	70 metres	0 metres	0 metres	0 metres
	taller than 2 metres (fully-foliated), maximum dilute water rate of 2000L/ha	0 metres	60 metres	0 metres	0 metres	0 metres

## Buffer zones for Vertical Sprayers (*Continued*)

Application Rate	Type of target canopy and dilute water rate	Mandatory downwind buffer zones				
		Bystander area	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
35 mL/100L <i>Continued</i>	taller than 2 metres (not fully-foliated), maximum dilute water rate of 2500L/ha	0 metres	80 metres	0 metres	0 metres	0 metres
	taller than 2 metres (fully-foliated), maximum dilute water rate of 2500L/ha	0 metres	70 metres	0 metres	0 metres	0 metres
	taller than 2 metres (not fully-foliated), maximum dilute water rate of 3000L/ha	0 metres	85 metres	0 metres	0 metres	0 metres
	taller than 2 metres (fully-foliated), maximum dilute water rate of 3000L/ha	0 metres	80 metres	0 metres	0 metres	0 metres
50 mL/100L	2 metres and shorter at maximum water rate of 400L/ha	0 metres	20 metres	0 metres	0 metres	0 metres
	Taller than 2 metres (not fully-foliated) at maximum water rate of 400L/ha	0 metres	40 metres	0 metres	0 metres	0 metres
	Taller than 2 metres (fully-foliated) at maximum water rate of 400L/ha	0 metres	40 metres	0 metres	0 metres	0 metres

**DO NOT** apply by aircraft unless the following requirements are met:

- Application by helicopter to Cotton only; not for application by fixed wing aircraft.
- Spray droplets are not smaller than a MEDIUM spray droplet size category.
- 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 Aircraft

Application Rate	Type of target canopy and dilute water rate	Mandatory downwind buffer zones				
		Bystander area	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 350 mL/ha	Helicopter	0 metres	30 metres	0 metres	0 metres	0 metres

### DIRECTIONS FOR USE

SITUATION	PEST	RATE/100L	RATE/HA	CRITICAL COMMENTS
<b>Pome Fruit; Apples ONLY</b> <b>Stone Fruit; Nectarines ONLY,</b> <b>Almonds</b>	Two-spotted Mite ( <i>Tetranychus urticae</i> ), European Red Mite ( <i>Panonychus ulmi</i> )	35mL		MOTTO® RMR® is a mite growth regulator that causes adults to lay sterile eggs and stops existing eggs and nymphs developing. Control of these stages is generally achieved within 7 days. MOTTO® RMR® also has translaminar and residual activity which means control of the population may last for 4 to five weeks. However, it does not control adult mites, which normally live for up to 2 weeks.
<b>Table Grapes, Wine Grapes</b>	Two-spotted Mite ( <i>Tetranychus urticae</i> )			To give effective long-term population control MOTTO® RMR® should therefore be applied at the first signs of mite crawlers. Once large numbers of adults are present it may be necessary to also apply a miticide from a different group to control the adults immediately and reduce potential damage.
<b>Citrus: Oranges ONLY</b>	Oriental Spider Mite ( <i>Eutetranychus orientalis</i> )			As a guide, if there are 2 or more adults per leaf, and 15% or more of leaves are infested, a knockdown of adults with a different miticide may be required. This is particularly important in Pears where even low mite pressure can cause leaf russetting.

SITUATION	PEST	RATE/100L	RATE/HA	CRITICAL COMMENTS
<b>Pome Fruit; Apples ONLY Stone Fruit; Nectarines ONLY, Almonds</b>	Two-spotted Mite ( <i>Tetranychus urticae</i> ), European Red Mite ( <i>Panonychus ulmi</i> )	35mL		MOTTO® RMR® can be applied as dilute or concentrated sprays on Apples, Nectarines, Almonds and Table Grapes but good coverage is important so the volume should be no less than 750L/ha. <b>DO NOT apply in water volumes greater than 2000L/ha.</b> On Oranges, water rates of 2000-3000L/ha are generally used and concentrate spraying is not recommended. <b>DO NOT use a water volume of more than 3000L/ha.</b> If re-treatment is required, use an approved miticide from a different chemical group.
<b>Table Grapes, Wine Grapes</b>	Two-spotted Mite ( <i>Tetranychus urticae</i> )			
<b>Citrus: Oranges ONLY</b>	Oriental Spider Mite ( <i>Eutetranychus orientalis</i> )			
<b>Trellis Tomatoes</b>	Two-spotted Mite ( <i>Tetranychus urticae</i> )	35mL		On Tomato, water rates should be increased as crop size increases. For mature Bush/Ground Tomato this should be 500L/ha. Mature Trellis Tomatoes may require 1000-2000L/ha and the rate per 100L should be used. Concentrate spraying is not recommended. If re-treatment is required, use an approved miticide from a different chemical group.
<b>Ground Tomatoes</b>			350mL	
<b>Cotton Ground and Aerial Application</b>	Two-spotted Mite ( <i>Tetranychus urticae</i> ) Bean Spider Mite ( <i>Tetranychus ludeni</i> )		350mL	Apply when the threshold for your area has been reached. As a guide this is generally when 20-30% of the leaves have mites or when mite numbers are increasing at 1% per day. Best results will be obtained when MOTTO® RMR® is applied to low but increasing populations. Good coverage is essential. For aerial application use a minimum of 30L spray volume per hectare. Generally MOTTO® RMR® takes about 7 days to reach maximum mite control. If re-treatment is required use an approved miticide from a different chemical group. Refer to notes on resistance under General Instructions section of this label.

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

## **WITHHOLDING PERIODS**

### **Harvest**

**APPLES, NECTARINES, ORANGES and TOMATOES: DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION.**

**ALMONDS: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.**

**GRAPES and COTTON: DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.**

### **Grazing**

**TOMATOES: DO NOT GRAZE TREATED AREA OR CUT TREATED AREA FOR STOCK FEED.**

**COTTON: DO NOT GRAZE TREATED CROPS OR FEED COTTON TRASH TO LIVESTOCK.**

## **EXPORT OF TREATED PRODUCE**

Treated fruit for export to particular destinations outside Australia may require a longer interval before harvest to comply with residues standards of importing countries. Please contact Imtrade CropScience or your Industry Body or Exporter before using MOTTO® RMR®.

## **GENERAL INSTRUCTIONS**

### **CROP MONITORING**

Effective mite control depends upon regular monitoring of crops during the season at 3-5 day intervals.

### **MIXING**

Measure the required amount of MOTTO® RMR®, add to the partly filled spray tank and then add the remainder of the water.

### **APPLICATION**

On Apples, Nectarines, Almonds and Table Grapes good coverage is important so the volume should be no less than 750L/ha. **DO NOT** apply in water volumes greater than 2000L/ha.

## **INSECTICIDE RESISTANCE WARNING**

### **GROUP 10B INSECTICIDE**

For insecticide resistance management MOTTO® RMR® is a Group **10B** Insecticide. Some naturally occurring mite biotypes resistant to MOTTO® RMR® and other Group **10B** Insecticides may exist through normal genetic variability in any mite population. The resistant individuals can eventually dominate the mite population if MOTTO® RMR® or other Group **10B** Insecticides are used repeatedly. The effectiveness of MOTTO® RMR® 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 MOTTO® RMR® to control resistant mites.



MOTTO® RMR® may be subject to specific resistance management strategies. For further information contact your local supplier, Imtrade CropScience representative or local agricultural department agronomist. To ensure MOTTO® RMR® remains effective **DO NOT** use MOTTO® RMR® more than once per season.

### **RE-ENTRY**

**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.

### **INTEGRATED PEST MANAGEMENT**

**Toxic to beneficial arthropods.** Not compatible with Integrated Pest Management (IPM) programs utilising beneficial arthropods. Minimise spray drift to reduce harmful effects on beneficial arthropods in non-crop areas.

### **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 out of direct sunlight. Triple rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical 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 and product. **DO NOT** re-use empty container for any other purpose.

### **SAFETY DIRECTIONS**

Will irritate the eyes. May irritate the skin. Avoid contact with the eyes. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), 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). If product in eyes, wash it out immediately with water. 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

•Harmful if swallowed; •Combustible liquid; •Very toxic to aquatic life with long-lasting effects; •Keep away from heat, sparks, pen flames and hot surfaces – No smoking; •Avoid breathing fumes, mists, vapours or spray; •**DO NOT** get in eyes, on skin, or on clothing; •Wash contacted areas thoroughly after handling; •**DO NOT** eat, drink or smoke when using this product; •Avoid release to the environment; •Wear protective gloves, clothing and eye or face protection; •**IF SWALLOWED:** Rinse mouth. **DO NOT** induce vomiting; •**IF ON SKIN (or hair):** Remove immediately all contaminated clothing. Rinse skin with water; •Collect spillage; •In case of fire, use carbon dioxide, dry chemical, foam, to extinguish.

### 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](http://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.

MOTTO® and RMR® are Registered Trademarks of Imtrade Australia Pty Ltd

<b>UN 3082</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.</b> (contains ETOXAZOLE, PIPERONYL BUTOXIDE)
<b>IN A TRANSPORT EMERGENCY, DIAL 000 POLICE OR FIRE BRIGADE</b>	
<b>PG III</b>	<b>HAZCHEM •3Z</b>



APVMA Approval No: 92373/135307