

Product Name: Fyfanon Premium Insecticide  
 APVMA Approval No. 69529/RV24



Signal Heading:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING			
Product Name:	Fyfanon Premium Insecticide			
Constituent Statement:	320 g/L malathion An anticholinesterase compound			
Mode of Action:	GROUP	1B	Insecticide	
Statement of Claims:	For the control of certain insect pests in apples as per the Directions for Use.			
Net Contents:	1 to 1000 L			
Restraints:	DO NOT apply by aerial application. DO NOT apply by air blast application. DO NOT apply using spraying equipment carried on the back of the user. DO NOT apply by low pressure hand wand. See 'SPRAY DRIFT RESTRAINTS' sections.			
Directions for use:	Crop	Pest	Rate mL/100 L	Critical Comments
	Apples	Apple leaf hopper, Thrips, Woolly aphid	350	Apply a maximum of 3 sprays per crop with a minimum interval of 14 days between applications. Apply at first sign of pest.
		Codling moth	350 – 450	Apply a maximum of 3 sprays per crop with a minimum interval of 14 days between applications. Apply at first sign of pest. Use higher rates as dictated by pest populations.
		European red mite	350	Apply a maximum of 3 sprays per crop with a minimum interval of 14 days between applications. Apply at first sign of pest
		Red spider mite		
NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.				
Other Limitations:				
Withholding Period:	APPLES: DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION.			
Trade Advice:	EXPORT TRADE ADVICE – TREATED CROPS: Treated crop commodities destined for export may require extra time between application and harvest to be accepted in some export markets. Before you use this product, you are advised to contact FMC Australasia Pty Ltd and/or your industry body about any potential trade issues and their management.			
General Instructions:	MIXING/APPLICATION DILUTE SPRAYING Use a sprayer designed to apply high volumes of water up to the point of runoff and matched to the crop being sprayed. Set up 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 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 will change unless otherwise specified and the sprayer set up and operation may also need to be changed, as the crop grows.			

	<p><b>CONCENTRATE SPRAYING</b></p> <p>(a) Use a sprayer designed and set up 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 crop being sprayed.</p> <p>(b) Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.</p> <p>(c) Determine an appropriate dilute spray volume (See <i>Dilute spraying</i> above) for the crop canopy. This is needed to calculate the concentrate mixing rate.</p> <p>(d) The mixing rate for concentrate spraying can then be calculated in the following way:</p> <p><b>EXAMPLE ONLY</b></p> <p>(i) Dilute spray volume as determined above: For example, 1500 L/ha</p> <p>(ii) Your chosen concentrate spray volume: For example, 500 L/ha</p> <p>(iii) The concentration factor in this example is: <math>3 \times</math> (i.e. <math>1500 \text{ L} \div 500 \text{ L} = 3</math>)</p> <p>(iv) If the dilute label rate is 10 mL/100 L, then the concentrate rate becomes <math>3 \times 10</math>, that is 30 mL/100 L of concentrate spray</p> <p>(e) 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.</p> <p>(g) For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.</p> <p><b>MIXING</b></p> <p>Add the recommended quantity of this product to the required volume of water, mix thoroughly.</p>
<b>Resistance Warning:</b>	<p>For insecticide resistance management Fyfanon Premium Insecticide is a Group 1B insecticide. Some naturally occurring insect biotypes resistant to Fyfanon Premium Insecticide and other Group 1B insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Fyfanon Premium Insecticide or other Group 1B insecticides are used repeatedly. The effectiveness of Fyfanon Premium Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, FMC Australasia Pty Ltd accepts no liability for any losses that may result from the failure of Fyfanon Premium Insecticide to control resistant insects.</p> <p>Fyfanon Premium Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, FMC Australasia Pty Ltd representative or local agricultural department agronomist.</p>
<b>Precautions:</b>	<p>Avoid contact with food, food utensils, or places where food is prepared or stored.</p> <p><b>RE-ENTRY PERIOD:</b></p> <p>DO NOT allow entry into treated areas until spray has dried.</p> <p>DO NOT enter for 1 day after application for hand pruning, training, scouting, training, transplanting, orchard maintenance, propping and hand weeding.</p> <p>DO NOT enter for 14 days after application for hand harvesting.</p> <p>DO NOT enter for 17 days after application for thinning fruit.</p> <p>When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist and a washable hat and chemical resistant gloves. Clothing must be laundered after each day's use.</p>
<b>Protection Statements:</b>	<p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b></p> <p>Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p> <p><b>PROTECTION OF HONEYBEES AND OTHER INSECT POLLINATORS</b></p> <p>Toxic to bees. DO NOT apply to crops from the onset of flowering until flowering is complete. DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area. 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.</p>
<b>Storage and Disposal:</b>	<p>Store below 30°C (room temperature). Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight.</p> <p>Triple-rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. Dispose of any unused chemical in compliance with relevant local, state or territory government regulations. 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, dispose of empty container or unused product in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.</p>

<b>Safety Directions:</b>	May irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. When opening the container and preparing the product for use, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves. When using the prepared bait/spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves. If applying by low pressure hand wand, wear chemical resistant clothing buttoned to the neck and wrist and a washable hat and elbow length chemical resistant gloves. If applying by backpack sprayer, wear cotton overalls, over normal clothing buttoned to the neck and wrist and elbow length chemical resistant gloves and a half facepiece respirator. Wash hands after use. After each day's use, wash gloves, face shield and contaminated clothing.
<b>First Aid Instructions:</b>	If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 13 11 26, New Zealand 0800 764 766) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

## Spray drift restraints

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://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 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. These conditions exist most evenings 1 to 2 hours before sunset and persist until 1 to 2 hours after sunrise.

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

Type of target canopy	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
<b>Up to 450 mL/100 L</b>					
2 metres tall and smaller, maximum dilute water rate of 1000 L/ha	0 metres	10 metres	10 metres	0 metres	0 metres
Taller than 2 metres (not fully foliated), maximum dilute water rate of 1500 L/ha	0 metres	30 metres	30 metres	0 metres	0 metres
Taller than 2 metres (fully foliated), maximum dilute water rate of 1500 L/ha	0 metres	20 metres	20 metres	0 metres	0 metres