

Product Name: Fyfanon ULV Insecticide  
 APVMA Approval No. 49539/RV24



<b>Signal Heading:</b>	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
<b>Product Name:</b>	Fyfanon ULV Insecticide
<b>Constituent Statement:</b>	1169 g/L malathion An anticholinesterase compound
<b>Mode of Action:</b>	Group <b>1B</b> Insecticide
<b>Statement of Claims:</b>	An ultra-low volume formulation for the control of a wide range of insect pests in certain crops and eucalypts as shown under Directions for Use.
<b>Net Contents:</b>	20 L, 200 L
<b>Restrains:</b>	DO NOT apply directly to water. DO NOT use open mixing and loading systems for aerial application (use closed mixing and loading only). DO NOT use open cabs for air blast application. DO NOT use backpack ULV misters/cold foggers. DO NOT apply to melons or cucumbers when wet.  SPRAY DRIFT RESTRAINTS [See below]
<b>Directions for Use:</b>	[See below]
<b>Withholding Period:</b>	Cereals, maize, rice, sorghum, grain legumes, linseed, lucerne, pastures, forage crops: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 1 DAY AFTER APPLICATION. DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.  Canola (rapeseed), safflower, sunflower: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 3 DAYS AFTER APPLICATION. DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.  Fruit, vegetable: DO NOT HARVEST FOR 3 DAYS AFTER APPLCIATION.
<b>Trade Advice:</b>	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.
<b>General Instructions:</b>	Fyfanon is a contact insecticide and only partial control will be achieved if insects are protected from spray by dense foliage or if spray coverage is inadequate. All vehicles should be removed from areas to be sprayed as paintwork may be damaged.  MIXING Fyfanon should be used undiluted except when fogging. When fogging for mosquito control, dilute with a kerosene/diesel distillate mixture of 1 L:8 L respectively.  APPLICATION Apply by aircraft or mist spray using properly calibrated equipment designed for ultra-low volume application.
<b>Resistance Warning:</b>	For insecticide resistance management Fyfanon ULV Insecticide is a Group 1B insecticide. Some naturally occurring insect biotypes resistant to Fyfanon ULV 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 ULV Insecticide or other Group 1B insecticides are used repeatedly. The effectiveness of Fyfanon ULV 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 ULV Insecticide to control resistant insects.  Fyfanon ULV 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.
<b>Precautions:</b>	Avoid contact with food, food utensils, or places where food is prepared or stored. RE-ENTRY PERIODS: DO NOT allow entry into treated areas until spray has dried.

	<p>Fruiting vegetable crops: DO NOT enter for 1 day after application for irrigation, scouting, thinning and weeding.</p> <p>Leafy vegetable crops: DO NOT enter for 1 day after application for irrigation and scouting mature plants, hand harvesting and pruning.</p> <p>Field crops (low): DO NOT enter for 2 days after application for hand-set irrigation. DO NOT enter for 1 day after application for scouting, thinning and weeding.</p> <p>Apples: DO NOT enter for 1 day after application for hand pruning, training, scouting, training, transplanting, orchard maintenance, propping and hand weeding. DO NOT enter for 8 days after application for hand harvesting. 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>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</p> <p>Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p> <p>PROTECTION OF HONEYBEES AND OTHER INSECT POLLINATORS</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, except when applications are made to prevent or control a threat to public and/or animal health determined by the relevant State or Territory authority. 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> <p>PROTECTION OF LIVESTOCK</p> <p>DO NOT place treated grain bait for control of crickets in locations which are accessible which are accessible to domestic animals, livestock or birds. DO NOT feed treated grain to animals including poultry.</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 rinsing's 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>	<p>Harmful if swallowed. Will 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, preparing the spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves and a face shield. When using the prepared spray, wear chemical resistant clothing buttoned to the neck and wrist and a washable hat, and elbow length chemical resistant gloves. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash glove, face shields and contaminated clothing.</p>
<b>First Aid Instructions:</b>	<p>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.</p>

**DIRECTIONS FOR USE:**

Crop/situation	Pest	Rate	WHP	Critical comments
Cereal crops, pastures, pasture seed crops	Black Field Cricket	450 mL	1 day	Apply in the early morning when crickets are active or swarming. DO NOT apply more than 4 applications per season.
	Small Plague Grasshopper			Apply to infested areas. DO NOT apply more than 4 applications per season.
Cereals, pastures, non-crop areas	Black Field Cricket	Bait 110 mL/10 kg whole or kibbled grain/ha (Use clean wheat, barley or oats, not dusty grain)		Immature crickets: Mix in a drum or cement mixer. As treated grain absorbs Fyfanon rapidly, it is unnecessary to leave standing and grain can be used immediately. Prepared bait should be stored separate from stock feed and the containers clearly marked to indicate that the contents have been treated with Fyfanon ULV Insecticide.
		Bait 110 to 220 mL/10 to 20 kg whole or kibbled grain/ha (use clean wheat, barley or oats, not dusty grain)		Mature crickets: Mix in a drum or cement mixer. As treated grain absorbs Fyfanon rapidly, it is unnecessary to leave standing and grain can be used immediately. Excess grain will kill moderate numbers of re-invading crickets as treated grain remains active for 4 to 6 weeks. Use higher rate for heavy pest pressure, where plentiful alternative feed exists, or for certainty of control. Spread in late afternoon and evening early in the season, and morning late in the season. Baiting may be ineffective if large amounts of pasture seed are present. Prepared bait should be stored separate from stock feed and the containers clearly marked to indicate that the contents have been treated with Fyfanon ULV Insecticide.
Cereal crops, lucerne, pastures, pasture seed crops, grain, legume crops	Redlegged earth mite, Lucerne flea	225 mL		Apply after hatching, usually 3 to 4 weeks after opening rains. DO NOT apply more than 4 applications per season.
		275 mL		
Cereal crops, maize, pastures, pasture seed crops, rice, sorghum	Common armyworm	700 mL		Spray entire crop or pasture when infestation is widespread. Spray along the front when pests are moving as an army. DO NOT apply by ultra-low volume aerial application.
Crucifers, cucurbits, canola (rapeseed), safflower, sunflower	Rutherglen bug	450 to 900 mL	3 days	DO NOT apply to melons or cucumbers when wet. Use higher rate when plant growth is dense. Sunflowers: spray at bud stage. DO NOT apply more than 4 applications per season. DO NOT apply by ultra-low volume aerial application.
Linseed	Common armyworm	700 mL	1 day	Apply when armyworms are actively feeding, in the early morning or late afternoon. DO NOT apply by ultra-low volume aerial application.
Lucerne, pastures, pasture seed crops	Bluegreen aphid, Spotted aphid	450 mL	1 day	Apply at first sign of pest. Repeat as necessary. DO NOT apply more than 4 applications per season
	Wingless grasshopper			Apply to infested areas. To prevent re-invasion, spray a wide protective barrier around crop or pasture. DO NOT apply more than 4 applications per season
Maize, pasture, pasture seed crops, sorghum	Australian plague locust	700 mL		Apply in hopper bands directly onto locusts. DO NOT apply by ultra-low volume aerial application

<b>Crop/situation</b>	<b>Pest</b>	<b>Rate</b>	<b>WHP</b>	<b>Critical comments</b>
<b>Peaches</b>	Oriental fruit moth	900 mL	3 days	Apply before trees are in full leaf at first sign of pest and repeat at signs of further moth flights.
<b>Field peas</b>	Pea weevil	550 mL		Apply when first flowers begin to wither. DO NOT apply by ultra-low volume aerial application.
<b>Pome fruit, stone fruit</b>	Wingless grasshopper	450 mL		Apply to infested areas. DO NOT apply more than 4 applications per season
		560 mL		
<b>Sorghum</b>	Sorghum midge	450 mL	1 day	Apply at the flowering stage when adult pest numbers indicate likely damage. Repeat as necessary. DO NOT apply more than 4 applications per season.
	Rutherglen bug	450 to 900 mL		Use higher rate when plant growth is dense. DO NOT apply by ultra-low volume aerial application
<b>Stone fruit</b>			3 days	Use higher rate when tree growth is dense.
<b>Eucalyptus forests</b>	Phasmatid nymphs	450 mL	-	Apply at first sign of pest. Repeat as necessary. DO NOT apply more than 4 applications per season.
<b>Mosquito breeding areas</b>	Adult mosquitoes	280 mL		Apply when adults emerge. Repeat as necessary. When fogging, dissolve product in a suitable diluent. Dilution rate is dependent on output speed over ground and swath width of fogger (refer to General Instructions).

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

## 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 below 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.

### Buffer zones for ULV application by fixed wing aircraft

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

- a minimum droplet size of Very Fine
- the release height is not greater than 4 metres above the ground
- minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the table titled 'Buffer zones for ULV application by fixed-wing aircraft') are observed.

### Buffer zones for ULV application (by fixed-wing aircraft only)

Application rate	Mandatory buffer zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 450 mL/ha	0 metres	750 metres	730 metres	0 metres	0 metres
Up to 280 mL/ha	0 metres	505 metres	490 metres	0 metres	0 metres
Up to 225 mL/ha	0 metres	420 metres	410 metres	0 metres	0 metres

### Buffer zones for misting or ULV (ground application only)

DO NOT apply by foggers, misters or ground ULV equipment unless the following requirements are met:

- the release height is not greater than 2 metres above the ground
- minimum distances between the application site and downwind sensitive areas that appear in the 'Mandatory buffer zones' section of the table titled 'Buffer zones for foggers (ground application)', Buffer zones for misters(ground application)' and Buffer zones for ULV (ground application)'below.

### Buffer zones for misting or ULV (ground application)

Application rate	Mandatory buffer zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 900 mL/ha	0 metres	160 metres	150 metres	0 metres	0 metres
Up to 700 mL/ha	0 metres	130 metres	120 metres	0 metres	0 metres
Up to 550 mL/ha	0 metres	100 metres	100 metres	0 metres	0 metres
Up to 450 mL/ha	0 metres	80 metres	80 metres	0 metres	0 metres
Up to 280 mL/ha	0 metres	80 metres	80 metres	0 metres	0 metres
Up to 225 mL/ha	0 metres	35 metres	30 metres	0 metres	0 metres

### Buffer zones for foggers (ground application)

Application rate	Mandatory buffer zones				
	Bystander areas	Natural aquatic areas	Pollinator areas	Vegetation areas	Livestock areas
Up to 280 mL/ha	0 metres	80 metres	80 metres	0 metres	0 metres