

MANY OF THE DIRECTIONS FOR USE CONTAINED IN THIS LABEL HAVE BEEN SUSPENDED. PLEASE REFER TO PERMITS PER13840 AND PER13841 FOR CURRENT DIRECTIONS FOR USE.

**POISON**  
**KEEP OUT OF REACH OF CHILDREN**  
**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**Lebaycid<sup>®</sup>**

**INSECTICIDE SPRAY**

**Active Constituent: 550 g/L FENTHION**  
**(an anticholinesterase compound)**

**GROUP 1B INSECTICIDE**

**For control of fruit fly, codling moth and lightbrown apple moth and other pests as specified in the DIRECTION FOR USE table**

### GENERAL INSTRUCTIONS

Lebaycid kills adult fruit flies and also kills fruit fly maggots within fruit.

### Insecticide Resistance Warning

For insecticide resistance management, Lebaycid is a Group 1B insecticide. Some naturally occurring insect biotypes resistant to Lebaycid 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 Lebaycid and other Group 1B insecticides are used repeatedly. The effectiveness of Lebaycid on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from the failure of Lebaycid to control resistant insects. Lebaycid may be subject to specific resistance management strategies. For further information contact your local supplier, Bayer CropScience representative or local agricultural department agronomist.

### Mixing

Mix the required quantity of Lebaycid with water in the spray vat while stirring or with agitators in motion.

### Application

#### *Special Instructions for Tree and Vine Crops*

#### Dilute Spraying

- ◆ Use a sprayer designed to apply high volumes of water 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 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 and the sprayer set up and operation may also need to be changed, as the crop grows.

#### Concentrate Spraying

- ◆ 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.
- ◆ Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- ◆ Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- ◆ The mixing rate for concentrate spraying can then be calculated in the following way:

#### EXAMPLE ONLY

1. Dilute spray volume as determined above: For example 1500 L/ha
2. Your chosen concentrate spray volume: For example 500 L/ha
3. The concentration factor in this example is: 3 X (i.e. 1500 L ÷ 500 L = 3)

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4. For the dilute label rate of 75 mL/100 L, the concentrate rate becomes 3 x 75, that is 225 mL/100 L of concentrate spray.

- ◆ 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.
- ◆ DO NOT use a concentrate rate higher than that specified in the Critical Comments.
- ◆ For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

### **Crop Safety**

#### **Ornamentals**

Lebaycid has been used on a wide range of ornamental plant species without damage. However, some species and varieties are particularly sensitive to chemical sprays and as this is often related to local conditions it is advisable to treat only a small number of plants first, in order to ascertain their reaction before treating the whole crop.

#### **Persimmons**

Warning: avoid excessive runoff of spray on persimmon fruit since skin blemishes may occur.

Do not mix Lebaycid with other pesticides when spraying persimmons.

### **Compatibility**

Lebaycid is compatible with most commonly used insecticides and fungicides including Antracol®. The mixture of Lebaycid and Delan® may cause ring spotting on apples and plums. Lebaycid can be mixed with Bordeaux mixture but should be used immediately. Do not mix Lebaycid with other pesticides when spraying persimmons. Do not mix concentrates together but add each to the spray tank separately. As formulations of other manufacturers' products are beyond the control of Bayer CropScience Pty Ltd, all mixtures should be tested prior to mixing commercial quantities. As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, Bayer CropScience Pty Ltd cannot be responsible for the behaviour of such mixtures.

### **PROTECTION OF LIVESTOCK**

DO NOT spray poultry or poultry houses.

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging.

### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

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

### **STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

#### **(1 L container only)**

Rinse container before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site.

Dispose of at a local authority landfill. If no landfill is available, bury the container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

#### **(5 L container only)**

Triple or preferably pressure rinse container 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

### **SAFETY DIRECTIONS**

Product is poisonous if absorbed by skin contact, inhaled or swallowed. Avoid contact with eyes and skin. Do not inhale spray mist. When preparing spray wear elbow-length PVC gloves and face shield. If product on skin, immediately wash area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield and contaminated clothing.

### **FIRST AID**

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 13 11 26) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

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#### MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet, which can be obtained from [www.bayercropscience.com.au](http://www.bayercropscience.com.au).

#### EXCLUSION OF LIABILITY

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

Antracol<sup>®</sup> and Lebaycid<sup>®</sup> are registered trademarks of Bayer

APVMA Approval No.: 32996/0110



**ORGANOPHOSPHOROUS PESTICIDE, LIQUID, TOXIC,  
FLAMMABLE (contains fenthion, xylene)**

**UN No. 3017**

**PG III**

**HAZCHEM -3W**

FOR 24 HOUR SPECIALIST ADVICE  
IN EMERGENCY ONLY  
PHONE 1800 033 111

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## DIRECTIONS FOR USE

### Tree and Vine Crops

<b>RATE</b>					<b>CRITICAL COMMENTS</b>
In the following table, all rates given are for <b>dilute spraying</b> . For <b>concentrate spraying</b> , refer to the <b>Application</b> section.					
<b>CROP</b>	<b>PEST</b>	<b>STATE</b>	<b>RATE</b>	<b>WHP</b>	
Apples, Pears	Mediterranean fruit fly	WA only	150 mL/100 L	7 days	For all uses in this table: Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, DO NOT use at rates greater than 5 times the dilute spraying rate.  Cover sprays provide additional protection over fruit fly baiting. Apply 3 weeks and 2 weeks before harvest if signs of fruit fly strike are seen. For late maturing varieties and fruit with a long harvest period, apply sprays at 1 to 3 weekly intervals from first sign of fly strike until 1 week before fruit is removed.  Apply full cover sprays at 6 weeks, 3 weeks and 2 weeks before picking commences.  Apply a full cover spray every 2-3 weeks during the period of moth activity.
	Queensland fruit fly	NSW, Vic, WA only			
	Codling moth	NSW, Vic, SA only	95 mL/100 L		
	Lightbrown apple moth	NSW, Vic, SA, WA only			
Citrus	Fruit fly	Qld, WA, NT only	75 mL/100 L		Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
	Mediterranean fruit fly	WA only	150 mL/100 L		Apply as a cover spray in conjunction with baiting. For late maturing varieties and fruit with a long harvest period, apply sprays at 3 weekly intervals from the first sign of fly strike until 1 week before fruit is to be removed.
	Queensland fruit fly	NSW, Vic, WA only			Apply full cover sprays at 6 weeks, 3 weeks and 2 weeks before picking commences. Spray citrus thoroughly when fly activity becomes apparent.

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### Tree and Vine Crops (continued)

<b>RATE</b>					<b>CRITICAL COMMENTS</b>
In the following table, all rates given are for <b>dilute spraying</b> . For <b>concentrate spraying</b> , refer to the <b>Application</b> section.					
<b>CROP</b>	<b>PEST</b>	<b>STATE</b>	<b>RATE</b>	<b>WHP</b>	
Deciduous fruit	Fruit fly	Qld (non-coastal) only	75 mL/100 L	7 days (except stone fruit 3 days)	For all uses in this table: Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, <b>DO NOT</b> use at rates greater than 5 times the dilute spraying rate.
	Rutherglen bug	Qld, NSW, Vic, SA, WA only	95 mL/100 L		Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
Figs (dessert)	Fruit fly	Qld, WA, NT only	75 mL/100 L	7 days (except stone fruit 3 days; papaw s, guava 14 days)	Spray fruit trees or crops when pests are first seen and repeat when they reinvade. Also spray nearby weeds.
Fruit trees	Wingless grasshopper	NSW, Vic			Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
Grapes	Fruit fly	Qld, WA, NT only			Apply a full cover spray if hoppers infest fruit trees.
	Mediterranean fruit fly	WA only			Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
Loquats	Fruit fly	Qld, NSW, WA only	Spray when pest is present. Thorough coverage of fruit is essential.		
Papaw s	Yellow peach moth	Qld, NT, WA only	75 mL/100 L	14 days	Frequent protective sprays are necessary to prevent fruit loss.
Pepinos	Fruit fly	Qld, WA only			Apply a thorough cover spray as insect populations indicate.
Persimmons	Greenhouse thrips	Qld only	75 mL/100 L	7 days	Apply a cover spray at first sign of infestation and repeat at 2 week intervals as required until 7 days before harvest.
	Queensland fruit fly, mealybug	Qld, NSW, WA only	90 mL/100 L		Apply as a cover spray as required.
Quince	Mediterranean fruit fly	WA only	150 mL/100 L	7 days	Thorough spray coverage of fruit is essential. Apply at 6, 4, 3, 2 and 1 week before the expected start of harvest. See <b>Crop Safety</b> and <b>Compatibility</b> .
	Queensland fruit fly	NSW, Vic, WA only			Cover sprays provide additional protection over fruit fly baiting. Apply 3 weeks and 2 weeks before harvest if signs of fruit fly strike are seen. For late maturing varieties and fruit with a long harvest period, apply sprays at 1 to 3 weekly intervals from first sign of fly strike until 1 week before fruit is removed.
Stone fruit	Lightbrown apple moth	NSW, Vic, SA, WA only	75 – 95 mL/100 L	3 days	Apply full cover sprays at 6 weeks, 3 weeks and 2 weeks before picking commences.
	Mediterranean fruit fly	WA only	75 mL/100 L		Apply every 2 to 3 weeks during the period of moth activity. Use higher rate for heavy infestations.
	Oriental fruit moth	NSW, Vic, SA only	75 – 95 mL/100 L		Cover sprays provide additional protection over fruit fly baiting. Apply 3 weeks and 2 weeks before harvest if signs of fruit fly strike are seen. For late maturing varieties and fruit with a long harvest period, apply sprays at 1 to 3 weekly intervals from first sign of fly strike until 1 week before fruit is to be removed.
					Apply every 2 to 3 weeks during the period of moth activity. Use higher rate for heavy infestations.

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### Tree and Vine Crops (continued)

<b>RATE</b>					<b>CRITICAL COMMENTS</b>
In the following table, all rates given are for <b>dilute spraying</b> . For <b>concentrate spraying</b> , refer to the <b>Application</b> section.					
<b>CROP</b>	<b>PEST</b>	<b>STATE</b>	<b>RATE</b>	<b>WHP</b>	
Stone fruit (except low chill varieties grown in coastal areas)	Queensland fruit fly	NSW, Vic, WA only	75 mL/100 L	3 days	For all uses in this table: Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by dilute or concentrate spraying methods. For concentrate spraying, <b>DO NOT</b> use at rates greater than 5 times the dilute spraying rate.
Stone fruit (low chill varieties)		Qld & NSW (coastal areas), Vic only			Thorough spray coverage of fruit is essential. Apply at 6, 4, 3, 2 and 1 week before the expected start of harvest.
Tropical and sub-tropical fruits (inedible peel)	Fruit fly	Qld, NSW, Vic, WA, NT only		7 days (except guavas & papaws 14 days)	<b>Tropical and sub-tropical fruits (inedible peel) include avocado, banana, breadfruit, custard apple, durian, feijoa, guava, jackfruit, kiwi fruit, lychee, longan, mango, mangosteen, papaw, passionfruit, persimmon, pineapple, pomegranate, rambutan, sapodilla, sapote, tamarind.</b> Thorough spray coverage of fruit is essential. Apply at 6, 4, 3, 2 and 1 week before the expected start of harvest.

### Non-Tree/Vine Crops

<b>CROP</b>	<b>PEST</b>	<b>STATE</b>	<b>RATE</b>	<b>WHP</b>	<b>CRITICAL COMMENTS</b>
Capsicums	Fruit fly	Qld, NT only	75 mL/100 L or 750 mL/ha	7 days	Spray fruit thoroughly. Apply when first fruit changes colour from dark green to light green. Repeat every 14 days.
Egg fruit					
Ornamentals	Mealybug	SA, WA only	100 mL/100 L	-	Mealybugs may occur on all parts of the plant including roots. Thoroughly drench soil around plants. Also spray plants when pests are seen and repeat 14 days later.
Tomatoes	Fruit fly	Qld, NT only	75 mL/100 L or 750 mL/ha	7 days	Spray fruit thoroughly. Apply when first fruit changes colour from dark green to light green. Repeat every 14 days.
	Mediterranean fruit fly	WA only			
	Queensland fruit fly	NSW, Vic only			

### Post-harvest Treatment

<b>CROP</b>	<b>PEST</b>	<b>STATE</b>	<b>RATE</b>	<b>WHP</b>	<b>CRITICAL COMMENTS</b>
Tropical and sub-tropical fruits (inedible peel), fruiting vegetables (including cucurbits) but excluding hollow fruited capsicums or chillies	Fruit flies ( <b>Quarantine treatment only</b> )	Qld, NSW, WA, NT only	75 mL/100 L	Nil (post-harvest treatment only)	Dip fruit and completely submerge for 1 minute. Drain and allow to air dry. Refer to departmental guidelines for disposal of spent dips.
Hollow fruited capsicums or chillies					<b>or</b> Apply as a flood spray of 16 L spray mixture per minute per m <sup>2</sup> over fruit for a minimum of 10 seconds, then ensure fruit remains wet for at least 1 minute.
					Do not dip hollow capsicums or chillies as dip may enter cavity. These fruit should only be flood sprayed. See above for method.

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

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**WITHHOLDING PERIODS**

**Guavas, Papaws:**

**DO NOT HARVEST FOR 14 DAYS AFTER APPLICATION**

**Stone fruit:**

**DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION**

**All other edible crops:**

**DO NOT HARVEST FOR 7 DAYS AFTER APPLICATION**