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

Lebaycid®

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)
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.

FIRST AID
If poisoning occurs contact a doctor or Poisons Information Centre (telephone 13 11 26). If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs. Do NOT induce vomiting. Give a glass of water. If poisoned by skin contact or through lungs, remove any contaminated clothing, wash skin thoroughly and give atropine tablets as above. Get to a doctor or hospital quickly.

MATERIAL SAFETY DATA SHEET
Additional information is listed in the Material Safety Data Sheet, which can be obtained from 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® and Lebaycid® are registered trademarks of Bayer

APVMA Approval No.: 32996/1103

ORGANOPHOSPHORUS 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		

DIRECTIONS FOR USE

Tree and Vine Crops

RATE In the following table, all rates given are for **dilute spraying**. For **concentrate spraying**, refer to the **Application** section.					**CRITICAL COMMENTS** 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.
CROP	**PEST**	**STATE**	**RATE**	**WHP**	
Apples, Pears	Mediterranean fruit fly	WA only	150 mL/100 L	7 days	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.
	Queensland fruit fly	NSW, Vic, WA only			Apply full cover sprays at 6 weeks, 3 weeks and 2 weeks before picking commences.
	Codling moth	NSW, Vic, SA only	95 mL/100 L		Apply a full cover spray every 2-3 weeks during the period of moth activity.
	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.

Tree and Vine Crops (continued)

RATE In the following table, all rates given are for **dilute spraying**. For **concentrate spraying**, refer to the **Application** section.					CRITICAL COMMENTS 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.
CROP	**PEST**	**STATE**	**RATE**	**WHP**	
Deciduous fruit	Fruit fly	Qld (non-coastal) only	75 mL/100 L	7 days (except stone fruit 3 days)	Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
	Rutherglen bug	Qld, NSW, Vic, SA, WA only	95 mL/100 L		Spray fruit trees or crops when pests are first seen and repeat when they reinvade. Also spray nearby weeds.
Figs (dessert)	Fruit fly	Qld, WA, NT only	75 mL/100 L		Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
Fruit trees	Wingless grasshopper	NSW, Vic		7 days (except stone fruit 3 days; papaws, guava 14 days)	Apply a full cover spray if hoppers infest fruit trees.
Grapes	Fruit fly	Qld, WA, NT only			Apply a thorough cover spray 6 weeks and 4 weeks prior to harvest.
	Mediterranean fruit fly	WA only			Spray when pest is present. Thorough coverage of fruit is essential.
Loquats	Fruit fly	Qld, NSW, WA only			Frequent protective sprays are necessary to prevent fruit loss.
Papaws	Yellow peach moth	Qld, NT, WA only		14 days	Apply a thorough cover spray as insect populations indicate.
Pepinos	Fruit fly	Qld, WA 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.
Persimmons	Greenhouse thrips	Qld only	90 mL/100 L		Apply as a cover spray as required.
	Queensland fruit fly, mealybug	Qld, NSW, WA only	75 mL/100 L		Thorough spray coverage of fruit is essential. Apply at 6, 4, 3, 2 and 1 week before the expected start of harvest. See **Crop Safety** and **Compatibility**.
Quince	Mediterranean fruit fly	WA only	150 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 removed.
	Queensland fruit fly	NSW, Vic, WA only			Apply full cover sprays at 6 weeks, 3 weeks and 2 weeks before picking commences.
Stone fruit	Lightbrown apple moth	NSW, Vic, SA, WA only	75 – 95 mL/100 L	3 days	Apply every 2 to 3 weeks during the period of moth activity. Use higher rate for heavy infestations.
	Mediterranean fruit fly	WA only	75 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.
	Oriental fruit moth	NSW, Vic, SA only	75 – 95 mL/100 L		Apply every 2 to 3 weeks during the period of moth activity. Use higher rate for heavy infestations.

Tree and Vine Crops (continued)

RATE In the following table, all rates given are for **dilute spraying**. For **concentrate spraying**, refer to the **Application** section.					CRITICAL COMMENTS 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.
CROP	**PEST**	**STATE**	**RATE**	**WHP**	
Stone fruit (except low chill varieties grown in coastal areas)	Queensland fruit fly	NSW, Vic, WA only	75 mL/ 100 L	3 days	Spray fruit thoroughly. Apply full cover sprays at 4 weeks, 3 weeks and 2 weeks before picking commences.
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)	**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.** 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

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Capsicums Egg fruit	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.
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

CROP	PEST	STATE	RATE	WHP	CRITICAL COMMENTS
Tropical and sub-tropical fruits (inedible peel), fruiting vegetables (including cucurbits) but excluding hollow fruited capsicums or chillies	Fruit flies **(Quarantine treatment only)**	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. **or** Apply as a flood spray of 16 L spray mixture per minute per m² over fruit for a minimum of 10 seconds, then ensure fruit remains wet for at least 1 minute.
Hollow fruited capsicums or chillies					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

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**