

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

**Mesurol<sup>®</sup> 750**

**BIRD REPELLENT AND SNAIL AND SLUG SPRAY**

**Active Constituent: 750 g/kg METHIOCARB**  
**(an anticholinesterase compound)**

**GROUP 1A INSECTICIDE**

**For control of snails, slugs, hibiscus flower beetle, garden weevil and glasshouse sciarids as specified in the DIRECTIONS FOR USE table and for repelling birds on ornamental plants**

## GENERAL INSTRUCTIONS

### Insecticide Resistance Warning

For insecticide resistance management, Mesurol is a Group **1A** insecticide. Some naturally occurring insect biotypes resistant to Mesurol and other Group **1A** insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Mesurol and other Group **1A** insecticides are used repeatedly. The effectiveness of Mesurol 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 Mesurol to control resistant insects. Mesurol may be subject to specific resistance management strategies. For further information contact your local supplier, Bayer CropScience representative or local agricultural department agronomist.

### Export of Treated Produce

Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with Mesurol 750. If you are growing edible produce for export, please check with Bayer CropScience Pty Ltd for the latest information on MRLs and import tolerances BEFORE using Mesurol 750.

### Mixing

Prepare a premix by mixing the required quantity of Mesurol 750 with a small amount of water in a bucket. Pour this premix into a partly filled spray tank and agitate. Continue agitation while filling. Ensure that the mixture is properly suspended by thorough agitation before restarting after a stoppage.

### Application

Apply through a boom spray or air mist equipment taking great care that the correct amount of chemical is applied and that the mixture is continuously agitated. Equipment and nozzles should be cleaned before and after use. Rain or overhead irrigation after spraying may reduce the period of effectiveness. Under these circumstances, re-application may be necessary and crops should be checked for the presence of the pest.

### Special Instructions for Tree and Vine Crops

#### *Dilute Spraying*

- ◆ Use a sprayer designed to apply high spray volumes, 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 spray volume to cover the crop to the point of run-off. Avoid excessive run-off.
- ◆ The required spray volume to achieve point of run-off may be determined by applying different test volumes, using different settings on the sprayer, or from industry guidelines or other 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 to achieve point of run-off will change and the sprayer set up and operation may also need to be changed, as the crop grows.

#### *Concentrate Spraying*

- ◆ Concentrate spraying is not appropriate with this product

### Note on Ornamentals

Mesurol 750 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.

**Compatibility**

Mesuroi 750 is compatible with most commonly used fungicides and insecticides. DO NOT use alkaline materials such as Bordeaux mixture and lime sulphur. 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 cannot be responsible for the behaviour of such mixtures.

**PROTECTION OF LIVESTOCK**

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging. DO NOT treat areas on which poultry graze.

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

Dangerous to fish. DO NOT contaminate dams, rivers, ponds, waterways or drains with the chemical or used containers.

**STORAGE AND DISPOSAL**

Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Store in the closed, original container in a dry, cool, well-ventilated area out of direct sunlight.

Single rinse before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on-site. Puncture and bury empty containers in a local authority landfill. If not available bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

**SAFETY DIRECTIONS**

Product is poisonous if absorbed by skin contact or swallowed. Avoid contact with eyes and skin. DO NOT inhale dust or spray mist. Obtain an emergency supply of atropine tablets 0.6 mg. When preparing the 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 and face shield.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre (telephone 131 126). If swallowed, give one atropine tablet every 5 minutes until dryness of the mouth occurs. If poisoned by skin absorption 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](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.

Mesuroi® is a registered trademark of Bayer

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

**DIRECTIONS FOR USE****TREE AND VINE CROPS**

<b>CROP</b>	<b>PEST</b>	<b>RATE (Dilute spraying)</b>	<b>CRITICAL COMMENTS</b>
			Apply by dilute spraying equipment only. Refer to <b>Application</b> section in <b>GENERAL INSTRUCTIONS</b> . Concentrate spraying is <b>not</b> appropriate for these uses.
Grapevines (WA only)	White Italian snail	100 g/100 L	Apply before flowering as a cover spray when pests become apparent. For greater control, spray where they harbour – e.g. damp, dark areas, dense foliage, compost heaps, fences, etc.
	Garden weevil	200 g/100 L	Wet vine thoroughly at or before flowering before foliage is established. Spray in the evening when weevils are active. May require a second application 3 weeks after first spray.
Grapevines (butt treatment only)	White Italian snail (NSW, SA only)	100 g/100 L	Apply as a cover spray when pests become apparent. Spray where they harbour – e.g. damp, dark areas, dense foliage, compost heaps, fences, etc. Only spray butt of grapevines.
	Common garden snail <i>Bradybaena</i> spp., Slugs (Qld, NSW, Tas, SA, WA only)		
Oranges	Common garden snail <i>Bradybaena</i> spp., Slugs		Apply as a cover spray when pests become apparent. Spray where they harbour – e.g. damp, dark areas, dense foliage, compost heaps, fences, etc.

**NON-TREE AND VINE CROPS**

<b>CROP</b>	<b>PEST</b>	<b>RATE</b>	<b>CRITICAL COMMENTS</b>
Hibiscus	Hibiscus flower beetle	100 g/100 L	Spray when beetles are first seen, particularly when flowers are present. Repeat spray 3 days later to control beetles in tight buds.
Ornamentals	Common garden snail <i>Bradybaena</i> spp., Slugs	100 g/100 L	Apply as a cover spray when pests become apparent. Spray where they harbour – e.g. damp, dark areas, dense foliage, compost heaps, fences, etc.
	Glasshouse sciarids (fungus gnats)	300 g/100 L	Drench soil, potting mix or compost in which infested plants are growing. Apply when larvae are first seen.
	Blackbirds, Sparrows, Starlings, Indian myna	200 g/100 L	Apply as a thorough cover spray when birds begin attacking plants.
Poppies (Tas only)	Slugs	5.5 kg/ha	Apply as a thorough spray to protect seedlings when slugs become apparent.

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

**THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN**

**GRAPEVINE LEAVES TREATED WITH MESUROL 750 MUST NOT BE USED FOR HUMAN CONSUMPTION**

**WITHHOLDING PERIOD**

**Citrus fruits: DO NOT HARVEST FOR 6 WEEKS AFTER APPLICATION**

**Grapes: DO NOT HARVEST FOR 9 WEEKS AFTER APPLICATION**