

MAIN PANEL

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



TEMPO[®]

RESIDUAL INSECTICIDE

ACTIVE CONSTITUENT: 25 g/L BETACYFLUTHRIN

GROUP 3A INSECTICIDE

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For the control of various insect pests in turf and ornamental plants and for general insect control in domestic, commercial, public and industrial situations, as specified in the Directions for Use.

IMPORTANT: Read the attached booklet before use.

* 200mL, 500mL, 1 L or 2.5 L

Front page of booklet

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STORAGE AND DISPOSAL

Store in tightly closed, original container in a safe, well ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. The method of disposal of the container depends on the container type. Read the "Storage and Disposal" instructions on the label that is attached to the container.

SAFETY DIRECTIONS

When using the prepared spray by hand-held equipment wear cotton overalls buttoned to the neck and wrist (worn over normal clothing) and a washable hat and elbow length PVC gloves. After use and before eating, drinking or smoking wash hands, arms and face with soap and water. After each days use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (Phone 131126). Remove from contaminated area. Apply artificial respiration if not breathing.

MATERIAL SAFETY DATA SHEET

Additional Information is listed in the Material Safety Data Sheet.

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.

IMPORTANT: READ THIS BOOKLET BEFORE USE

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Batch Number:

DOM:

For 24 hour specialist advice in an emergency only phone 1800 033 111

Inside BOOKLET**Directions for Use****RESTRAINT**

DO NOT apply spray treatment outdoors if rain is imminent or if area is about to be irrigated (unless indicated in the directions below)

Situations	Rate	Pest	Critical Comments
Domestic, commercial, industrial and public buildings: - including food processing establishments, shops, factories, farm buildings, ships, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments.	Initial or Cleanout rate 10 mL/L		For use on non-porous surfaces; apply at a rate of 5 L of prepared spray per 100 m ² not exceeding the point of run-off. For use on porous surfaces or for use through power equipment; apply at a rate of 10 L per 100 m ² of surface, not exceeding the point of run-off.
	Maintenance rate or when used as a tank mix with a larvicide 6 mL/L	Cockroaches	Conduct a thorough inspection and apply to known and potential cockroach harbourages. A barrier application around areas where cockroach infestations may be originating is also suggested. Repeat application as required. Where application of a spray is not suitable it is recommended that a suitably registered gel such as Maxforce [®] Gold Gel or Maxforce White [®] Cockroach Gel be applied as per the registered label on that product.
		Web-spinning spiders	Spray spiders, their webbing and areas where spiders may hide directly. It is recommended that webbing is left in place for a few days after application to optimise efficacy.
		Non-web-spinning spiders	Spray areas where spiders are known to occur.
		Ants	Where possible locate the nest and spray directly into nest entrances. Penetration of insecticide can be assisted by pre-wetting sandy and porous soils with water. A thorough soaking treatment with insecticide mixture is required to destroy the nest. If nest cannot be located then spray infested areas.
		Fleas	Clean and vacuum infested areas and dispose of dust collected in the garbage in a sealed plastic bag. Lightly spray infested areas concentrating on areas under furniture etc. Treat pets with a suitably registered flea control product. See also the note on application to carpets below.
		Mosquitoes and Flies	Spray surfaces where flies and mosquitoes are known to come to rest. Flies – include external surfaces that are exposed to the morning sun. Mosquitoes – spray walls, awnings, fences and vegetated areas in proximity to buildings. Note: The perception of the level of control of flying insects achieved within any given area treated with a residual surface spray will be affected by the extent of in-migration of individuals from external (un-treated) areas. A residual surface spray will only control those insects that alight on the treated surfaces and therefore complete elimination of flying insects from the treated area should not necessarily always be expected.

Inside booklet contd.**Directions For Use (Contd):**

Situations	Rate	Pest	Critical Comments
Domestic, commercial, industrial and public buildings: -including food processing establishments, shops, factories, ships, offices, schools, storerooms, hospitals, barracks, private houses and external areas associated with such establishments.	Initial or Cleanout rate 10 mL/L Maintenance rate or when used as a tank mix with a larvicide 6 mL/L	Silverfish	Direct spray to areas of potential and existing infestations eg. under skirting boards and furniture where dark conditions may favour silverfish populations. If spraying inside cupboards or storage areas remove clothing and utensils etc before spraying.
		Crickets	Spray infested areas. In addition a barrier treatment can be sprayed across areas where these pests enter buildings.
		Clothes moths	Spray surfaces in areas where clothes are stored. DO NOT spray the clothes themselves.
		Carpet beetles	Apply to infested carpets particularly in areas of little or no traffic and underneath windows where adult beetles may be entering the building. See also the note on application to carpets below.
		Bedbugs	Apply to the bed-frame and walls, cracks, crevices and skirting boards in the vicinity of the bed.
		Stored Product Pests	The use of this product in the control of stored product pests should be considered part of an integrated strategy to prevent development of insect populations. Best results will be obtained where good hygiene is maintained. Infested areas should be cleaned prior to application and regularly cleaned thereafter to reduce food sources for pests. When treating for beetle pests pay special attention to sheltered areas such as cracks and crevices, under furniture and equipment, floors, walls and shelves. Adult moths can be controlled by applying this product to walls and surfaces where the flying adult moths come to rest.
External areas and surrounds of domestic, commercial and public buildings and structures, untended verges, surrounds of sporting venues etc (and other areas where ticks are found)	10 mL/L	Millipedes	Apply as a coarse spray to infested areas.
		Paper nest wasps	Apply diluted spray to the point of run-off directly to the papernest ensuring thorough and even coverage. When all adult wasps have been knocked down the nest may be safely removed from the structure.
		Paralysis tick (<i>Ixodes holocyclus</i>)	Apply to outside surfaces of buildings and surrounds including but not limited to foundations, soil, turf, trunks of woody ornamentals and other areas where ticks congregate or have been seen. This treatment is intended to control ticks which are present at the time of application. Repeat application may be required during times of high tick activity. When used in domestic garden situations where domestic pets are present it is recommended that the animals also be treated with an appropriately registered ectoparasiticide.

Inside booklet cont.

Situations	Rate	Pest	Critical Comments
Poultry sheds	5 mL/L water per 10 m ² of surface (250 mL/50 L water)	Litter beetle (<i>Alphitobius diaperinus</i>)	Treat when litter is being totally replaced. Remove old litter from shed. Apply to shed walls, ceiling, and floor. DO NOT replace litter until shed is thoroughly dry.
Turf	20 - 40 mL/ 100 m ² or 2 - 4 L/ha or 250 - 500 mL/bowling green	Armyworm Cutworm Webworm	Apply to mown turf in a minimum application volume of 200 L/ha (or 2 L/100 m ²) and irrigate treated areas after application with up to 4 mm water. Use the higher rate when pest numbers are very high. Repeat as necessary.
	50 mL/100 m ² or 5 L/ha or 625 mL/bowling green	Adult billbug, adult Argentine stem weevil, adult scarabs, (including African black beetle), Mole crickets, Couch mite, Ants	Application after mowing is recommended to minimise loss of insecticide in clippings. Couch mite are only found in couch varieties of turf. Industry thresholds are set at 4 – 8 stunted tufts (witches brooms) per 100cm ² .
	400 ml/ha	Grasshoppers	Apply when grasshoppers are active. Apply by ground based equipment only. Adequate coverage is essential for effective control.
Native plants	6 mL/L	Sawfly larvae	Apply thoroughly as a full cover spray. Repeat at beginning of renewed pest activity. See note on native plants. DO NOT spray if it is raining or about to rain.
Ornamental plants		Grasshoppers	Spray plants directly when pest insects are seen. Adequate coverage of plant is essential for effective protection. Repeat as necessary.
Azaleas Hibiscus Pelargoniums Roses	2 – 4 mL/5 L water	Aphids Bugs (eg passionvine hopper, mealybug, lace bug) Caterpillars Garden weevil Whiteflies Thrips	Spray foliage thoroughly when insects are first seen or if they reappear. Spray underneath leaf surfaces. DO NOT spray if it is raining or about to rain.

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

WITHHOLDING PERIOD

**DO NOT GRAZE TREATED AREAS OR FEED GRASS CLIPPINGS FROM TREATED AREAS
TO ANIMALS INCLUDING POULTRY**

Inside booklet cont.

GENERAL INSTRUCTIONS

Mixing: Add the required quantity of Tempo Residual Insecticide to water while stirring.

Application: DO NOT spray the moving parts of any machinery, electric motors or switchgear with the water-based product.

Note on application to carpets:

Whilst carpets are regarded as porous surfaces, excessive liquid application may produce water-stains and therefore the non-porous surface rate should be adopted if possible. Hence for short pile carpet, the 5 L dilution rate (per 100 m²) should be sufficient. However, for long pile or shag carpet, the 10 L dilution rate (per 100 m²) may be required, to ensure effective penetration and application to all of the carpet-pile. Since carpets vary in their thickness, colour and material it is recommended that a small, inconspicuous area of carpet be sprayed and allowed to dry first to ensure that staining will not occur. Allow treated carpets to dry before resuming activity on them.

Note on native plants and ornamentals:

Tempo Residual Insecticide 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 sensitivity 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 target group.

INSECTICIDE RESISTANCE WARNING

GROUP	3A	INSECTICIDE
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For insecticide resistance management Tempo is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Tempo and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Tempo or other Group 3A insecticides are used repeatedly. The effectiveness of Tempo 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 failure of Tempo to control resistant insects.

For further information on managing insecticide resistance contact your local supplier or Bayer Environmental Science representative.

PRECAUTIONS

For surface treatment only. DO NOT spray into the atmosphere using foggers or other devices designed to create an aerosol.

When using in animal houses DO NOT spray directly onto livestock, their food, water, litter, feed bins, or surfaces that are accessible to the stock.

DO NOT spray directly on humans, exposed food or food utensils or food preparation areas.

Avoid contact of spray with timber to which a stain-finish is subsequently to be applied, unless the owner is notified that the timber will need additional preparation, consistent with that if water alone had contacted the timber. (Evidence of water contact on timber is sometimes only evident once the stain has been applied).

Before use, remove or cover all exposed foodstuffs. Cover all dishes and utensils and surfaces where food is prepared. After use, thoroughly ventilate treated areas. Clean up thoroughly before processing/serving resumes.

When using as a residual surface treatment for control of stored-product pests, ensure food items in store are not exposed to spray, if necessary removing food items from the area to be treated. Allow all treated surfaces to dry before replacing food items. Where possible avoid spraying actual surfaces which food is likely to directly contact. DO NOT allow spray to contact food packaging material. Discard any foodstuff accidentally contaminated with spray solution.

RE-ENTRY PERIOD

DO NOT enter treated areas until the spray has dried.

PROTECTION OF LIVESTOCK

DO NOT spray directly onto livestock or near livestock feed or water.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish. Cover fish tanks before using. DO NOT contaminate ponds, waterways or drains with this product or used container.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, well ventilated area, as cool as possible. DO NOT store for prolonged periods in direct sunlight. The method of disposal of the container depends on the container type. Read the "Storage and Disposal" instructions on the label that is attached to the container.

SAFETY DIRECTIONS

When using the prepared spray by hand-held equipment wear cotton overalls buttoned to the neck and wrist (worn over normal clothing) and a washable hat and elbow length PVC gloves. After use and before eating, drinking or smoking wash hands, arms and face with soap and water. After each days use wash gloves and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (Phone 131126). Remove from contaminated area. Apply artificial respiration if not breathing.

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Exclusion of Liability

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APVMA Approval Number: 54134 / 50925

Rear panel attached to container**TEMPO RESIDUAL INSECTICIDE****STORAGE AND DISPOSAL**

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers 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 deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

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