

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

Temik[®] 150G

INSECTICIDE/NEMATICIDE

Active Constituent: 150 g/kg ALDICARB
(an anticholinesterase compound)

GROUP 1A INSECTICIDE

**For the control of certain nematodes and insects in various crops as specified in the
DIRECTIONS FOR USE table**

GENERAL INSTRUCTIONS

Insecticide Resistance Warning

For insecticide resistance management Temik 150G Insecticide/ Nematicide is a Group **1A** insecticide. Some naturally occurring insect biotypes resistant to Temik 150G Insecticide/Nematicide 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 Temik 150G or other Group **1A** insecticides are used repeatedly. The effectiveness of Temik 150G on resistant individuals could be significantly reduced. Since the 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 this product to control resistant insects.

Temik 150G may be subject to specific resistance management strategies. For further information contact your local supplier, Bayer CropScience representative or local agricultural department agronomist.

TEMIK 150G USE REQUIREMENTS

To ensure minimum risk to users, others and the environment, Bayer CropScience Pty Ltd requires that certain conditions be met. All users must have attended a training program and be issued with a Bayer CropScience Certificate of Temik 150G Accreditation prior to purchase and use of this product. Additional requirements for application equipment include:

Cotton and Sugarcane

Application must be made through a granule applicator attached to the tractor. Application equipment should be accurately calibrated and be of a type which does not grind the granules. Information on suitable application equipment is available from Bayer CropScience Pty Ltd.

Citrus

Specialised application equipment for use of this product in citrus is required. Such equipment must be approved by Bayer CropScience Pty Ltd. Application equipment should be accurately calibrated.

DETERMINATION OF TREATMENT RATE/HA FOR ORANGES

Tree canopy width (m)	Treated band width (m)	Rate/100 m of row (kg)	Rate/ha (kg)		
			7.0 m rows	6.5 m rows	6.0 m rows
5.0	2.0	2.5	72	-	-
4.5	2.0	2.5	72	77	-
4.0	1.75	2.2	63	68	73
3.5	1.5	1.9	54	59	63
3.0	1.25	1.6	46	49	53
2.5	1.0	1.25	36	39	42
2.0	0.75	0.94	27	29	31
1.0	0.50	0.50	14	15	16

Be sure to harvest the crop **before application** and remove any out of season (second crop) fruit.

Application

Apply through a granule applicator attached to the tractor. Apply with applicators which will not grind the granule. Accurate calibration for delivery of the required rate is essential.

Ensure granules are incorporated and covered with soil. **DO NOT** leave granules exposed on soil surface.

Thoroughly clean equipment after use and bury sweepings at least 500 mm deep in soil isolated from water supplies and homes in non-crop, non-pasture areas.

PROTECTION OF LIVESTOCK

Dangerous to livestock. **DO NOT** allow stock to graze in any treated area.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to wildlife. Birds and wildlife may be killed if allowed to feed on exposed granules, so Temik 150G should be completely covered by soil. Dangerous to fish and aquatic invertebrates. DO NOT contaminate streams, rivers or waterways with the chemical or used containers. If spilled, sweep thoroughly and bury at least 500 mm deep in soil isolated from water supplies and homes, in a non-crop, non-pasture area. DO NOT use Temik 150G in such a manner that would allow Temik 150G to enter groundwater supplies. Application, washing, loading or emptying of application equipment must not occur within 15 m of any drinking water well. This distance must be increased to 150 m where soils are sandy and water tables are shallow.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers. Empty contents fully into application equipment. Close all valves and return to Bayer CropScience Pty Ltd. This container always remains the property of Bayer CropScience Pty Ltd.

PRECAUTIONS

DO NOT sow any edible crop for 6 months after last application.
DO NOT sow or plant any edible crop between rows of crop treated with Temik 150G for 6 months after the last application.

Re-entry

DO NOT allow children access to treated areas.
DO NOT enter, or allow any other person to enter treated area without protective footwear. Persons coming in direct contact with wet treated soil after the initial irrigation or initial rainfall following treatment must wear coveralls, rubber or neoprene boots and gloves.

SAFETY DIRECTIONS

Very dangerous. Product is poisonous if absorbed by skin contact, inhaled or swallowed. Avoid contact with eyes and skin. Do not inhale dust. Do not touch or rub eyes, nose or mouth with hand when handling granules. When using the product, wear cotton overalls buttoned to the neck and wrist, washable hat, elbow-length PVC gloves and half-facepiece respirator with dust cartridge or canister. 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, contaminated clothing and respirator and if rubber wash with detergent and warm water.

FIRST AID

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (telephone 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.

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.

APVMA Approval No: 48937/1209

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KEEP DRY		
MOISTURE CAN INCREASE HANDLING HAZARDS		
CARBAMATE PESTICIDE, SOLID, TOXIC (contains aldicarb)		
UN 2757	PG II	HAZCHEM 2X
FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111		

DIRECTIONS FOR USE

Restrictions

DO NOT use through drip irrigation systems. Where drip irrigation systems do not adequately wet the treated area, apply Temik 150G only when rain is imminent, to ensure thorough watering of the complete treated area.

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Plant and Ratoon Cane (Qld, NSW, WA, NT only)	Root-knot nematodes, root-lesion nematodes, burrowing nematodes, spiral nematodes	17 kg/ha or 24 g/10 m row	NIL	Apply no later than 3 to 5 leaf stage. Use microfeed applicator to apply across width of drill. Lightly incorporate with rakes, discs or tynes. Irrigate with 12 to 25 mm within 24 hours of application. DO NOT make more than one application per crop.
Cotton (Qld, NSW, WA, NT only)	Aphids, jassids, mites, thrips wireworm (<i>Agrypnus variabilis</i>), false wireworm (<i>Pterohelaeus darlingensis</i>)	3.0 to 7.0 kg/ha	NIL	Apply into the seed furrow at seeding. Distribute granules to the seed furrow or bed through outlets from granule applicators attached to the cultivation bar. DO NOT apply unless adequate soil moisture is present at seeding. Planting into moist soil will allow greater and faster uptake of Temik 150G by the cotton seedling. DO NOT apply under cloddy soil conditions. The higher dose rates will provide longer control.
	Green mirids	5.0 kg/ha		Apply as above. If control of mirids diminishes by early squaring, apply a suitable foliar insecticide spray.
Non-Bearing Citrus (Qld, NSW, Vic, SA, WA only)	Citrus leaf miner	Area 7 g/m ² or Band 30 g/tree		Area Treatment: Apply prior to, or as pests appear. Repeat applications may be necessary if new leaf mines are found. DO NOT treat within 3 months of transplanting. Band Treatment: Apply Temik 150G in bands 20 to 50 mm wide and 150 to 300 mm long. Apply along the rows on either side of the tree, at a distance of 200 mm from the trunk. Apply prior to, or as pests appear. Incorporate to a depth of 30 to 50 mm. Repeat applications may be necessary if new leaf mines are found. DO NOT treat within 3 months of transplanting.
Oranges (non trifoliata rootstocks only) and Mandarins (Qld, NSW, Vic, SA, WA only)	Citrus nematode, soft brown scale (<i>Coccus hesperidum</i>), mealybug (<i>Pseudococcus longispinus</i> , <i>Pseudococcus calceolariae</i>)	14 to 77 kg/ha	26 weeks	Apply once only each year from August to November after the crop has been harvested and any out of season (second crop) fruit are removed. Apply in a band along each side of row, as close as possible to the drip line. Incorporate into the soil immediately to a depth of 30 to 80 mm and irrigate to minimum 10 mm unless rain follows. The dose rate and treated band widths depend on tree canopy size and row interval. Refer to table under General Instructions . DO NOT treat within 3 months of transplanting.

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 FOR USE IN THE HOME GARDEN.

WITHHOLDING PERIODS

Harvest Plant and ratoon cane: **NOT REQUIRED WHEN USED AS DIRECTED**
Citrus: **DO NOT APPLY LATER THAN 26 WEEKS BEFORE HARVEST**
Cotton: **NOT REQUIRED WHEN USED AS DIRECTED**

Grazing All Crops: **DO NOT ALLOW STOCK TO GRAZE IN TREATED AREA**
DO NOT CUT TREATED CROP FOR STOCK FOOD
Cotton: **DO NOT FEED COTTON TRASH TO ANIMALS**

Ultima® Closed Transfer Technology - OPERATING INSTRUCTIONS

1. Break the **GREEN** seal, and remove the safety caps from the valve and applicator hopper.
2. Fit the container valve on to the applicator hopper and secure.
3. Rotate the container **anti-clockwise** to start the flow of product.
4. Rotate the container **clockwise** to stop the flow of product.
5. Remove the container from the applicator hopper.
6. Replace the safety caps on the applicator hopper and container valve.
7. Return the empty containers to your supplier for refilling.

The RED seal should not be broken.