

# CAUTION

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

TITAN

# Imidacloprid

**200 Insecticide**

ACTIVE CONSTITUENT: 200 g/L IMIDACLOPRID

GROUP **4A** INSECTICIDE

For the control of various insect pests of certain vegetables and turf as specified in the directions for use table.

IMPORTANT: READ THOROUGHLY BEFORE OPENING OR USING THIS PRODUCT.

APVMA Approval No.: - - - - - / - - - - -

Pack Sizes: 1L; 5L; 10L; 20L



**TITAN AG Pty Ltd**

3/14 Narabang Way, Belrose NSW 2085  
Telephone 02 9986 2943 Fax 02 9986 2945  
[www.titanag.com.au](http://www.titanag.com.au)

IN A TRANSPORT EMERGENCY

**DIAL 000**

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING  
NOT A DANGEROUS GOOD  
ACCORDING TO THE AUSTRALIAN  
DANGEROUS GOODS (ADG) CODE  
FOR TRANSPORT BY ROAD AND RAIL.

**DIRECTIONS FOR USE**  
**Foliar Spray Application**

CROP	PEST	RATE	WHP	CRITICAL COMMENTS
Cucurbits	Green Peach Aphid	25mL/100L or 300mL/ha	1 day	Apply at first sign of aphid infestation.
Capsicum, Egg plant, Potato			7 days	
Tomato			3 days	
Brassicas			7 days	Apply at first sign of aphid infestation. Add a wetting agent.
Sweet Potato	Silverleaf Whitefly, including type B		7 days	Apply at first sign of Whitefly or Turnip Thrips infestation. Apply dilute sprays (25mL/100L) to run-off. Ensure thorough coverage of underside of leaves. Use of droppers will improve coverage of underside of leaves.
Cucumber			1 day	
Egg plant	Melon Thrips		7 days	
Turf	First instar larvae of: Black Beetle, Argentinian Scarab, Purinose Scarab	2.5L/ha or 25mL/100m <sup>2</sup>		Apply at peak egg hatch, which is mid Spring to mid Summer depending on species.
	Larvae of Billbug	Spray with at least 400L water per hectare to ensure even coverage. Preferably spray on to wet or dewy grass. Irrigate with 12mm of water commencing within one hour of application.	7 days	Monitor adult activity through late Spring and early Summer. Spray when numbers peak, or when small larvae (4mm) are found in the thatch or surface soil. Early application is essential to minimise grass damage due to feeding.

**Soil Drench Application**

CROP	PEST	RATE	CRITICAL COMMENTS
Elm	Elm Leaf Beetle	7mL/25mm of tree diameter at breast height	Mix the required dose in sufficient water to adequately treat each tree. Use at least 50L of mix per tree up to a tree diameter of 400-500mm and then 100L per tree for larger trees. Inject mix to a depth of 20-30cm in a minimum of 4 injection sites per tree, 0.75 to 1.5m apart, arranged in an evenly spaced grid to just beyond the drip line. Ensure root zone is adequately moist with active root growth. Keep treated area moist for 7-10 weeks prior to pest attack in late Winter or early Spring when roots are active. DO NOT treat if soil is waterlogged.
Seedling eucalyptus (to 1m high) in pots	Chrysomelid Beetle larvae, Psyllids	2.5mL/plant	Mix in water up to 0.5L per 3L pot and apply to soil. Use less water for smaller pots. DO NOT dilute to the point where mix runs out the bottom of pots.
Azaleas in pots	Azalea Lace Bug	3.5mL/5L water/pot	Use a soil drench for pots up to 20L capacity.
Ornamentals in pots	Scarab Beetle larvae	3.5mL/5L water	Use a soil drench. 5L of mixture will treat twenty 6L pots.
Roses	Aphids	3.5mL/2L water/plant	Use a soil drench by pouring mixture evenly around drip zone. Use this rate for plants up to 1m high. For each additional metre of plant height add 2mL extra of TITAN Imidacloprid 200 Insecticide to the 2L of water.
<p>For soil drench treatments, remove mulch and dead vegetation, and moisten the soil surface first. Apply the TITAN Imidacloprid 200 Insecticide mixture, then water it in well immediately after application.</p>			

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

**WITHHOLDING PERIODS:**

**CUCURBITS:**

**DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.**

**TOMATOES:**

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

**BRASSICAS, CAPSICUM, EGG PLANT, POTATOES, SWEET POTATOES:**

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

**DO NOT GRAZE ANY TREATED AREA INCLUDING TURF, OR CUT FOR STOCK FOOD.**

**DO NOT FEED PRODUCT OR TURF CLIPPINGS FROM TREATED AREA TO ANIMALS, INCLUDING POULTRY.**

## GENERAL INSTRUCTIONS

### INSECTICIDE RESISTANCE WARNING

For Insecticide resistance management, TITAN Imidacloprid 200 Insecticide is a Group 4A **GROUP 4A INSECTICIDE** insecticide. Some naturally occurring Insect biotypes resistant to TITAN Imidacloprid 200 Insecticide and other Group 4A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if TITAN Imidacloprid 200 Insecticide and other Group 4A Insecticides are used repeatedly. The effectiveness of TITAN Imidacloprid 200 Insecticide on resistant individuals could be significantly reduced.

Since occurrence of resistant individuals is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Imidacloprid 200 Insecticide to control resistant insects. TITAN Imidacloprid 200 Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, TITAN AG or local agricultural department agronomist.

**Insecticide Resistance Management Strategy for Green Peach Aphid in various crops:** Contact your local supplier, TITAN AG, or local agriculture department agronomist. Also available at website [www.croplife.org.au](http://www.croplife.org.au).

**Insecticide Resistance Management Strategy for other Aphids, Whitefly and Melon Thrips in various crops:** DO NOT apply TITAN Imidacloprid 200 Insecticide (or other group 4A insecticide) in consecutive sprays within and between seasons. Rotate with registered insecticides from other mode of action groups.

**Insecticide Resistance Management Strategy for Confined environments such as glasshouses:**

**Annals:** DO NOT apply more than one spray of TITAN Imidacloprid 200 Insecticide (or other group 4A Insecticide) to anyone crop.

**Perennials:** Rotate with registered insecticides from other groups. Use a maximum of three TITAN Imidacloprid 200 Insecticide (or other group 4A insecticide) sprays in any 12 month period.

### MIXING/APPLICATION

Prior to pouring, shake container vigorously, then add the required quantity of TITAN Imidacloprid 200 Insecticide to water in the spray vat while stirring or with agitator in motion.

### COMPATIBILITY

TITAN Imidacloprid 200 Insecticide is compatible with Antracol\*, Baycor\* and Notofol\*. DO NOT mix concentrates together but add each to the spray tank separately. As formulations of other manufacturers' products are beyond the control of TITAN AG, 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, TITAN AG cannot be responsible for the behaviour of such mixtures.

### Export of Treated Produce

Growers should note that MRLs or import tolerances do not exist in all markets for edible produce treated with TITAN Imidacloprid 200 Insecticide. If you are growing edible products for export please check with TITAN AG Pty Ltd for the latest information on MRLs and import tolerances before using TITAN Imidacloprid 200 Insecticide.

### Note on Ornamentals

TITAN Imidacloprid 200 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 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.

## PROTECTION OF LIVESTOCK

Dangerous to bees. DO NOT spray any plants in flower while bees are foraging. DO NOT graze any treated area including turf, or cut for stock food. DO NOT feed produce or turf clippings from treated area to animals, including poultry.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate streams, rivers or waterways with the chemical or used container. A spray drift minimisation strategy should be employed at all times when aerially applying sprays. The strategy envisaged is exemplified by the cotton industry's Best Management Practices Manual.

## 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 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 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers or product should not be burnt

## SAFETY DIRECTIONS

Harmful if swallowed. May irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. When preparing product for use, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles. Wash hands after use. After each days use, wash gloves, goggles and contaminated clothing.

## FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

## MATERIAL SAFETY DATA SHEET

Additional information is listed in the material safety data sheet (MSDS). A material safety data sheet for TITAN Imidacloprid 200 Insecticide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9986 2943 or visit [www.titanag.com.au](http://www.titanag.com.au)

## CONDITIONS OF SALE

TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

\* Other trademarks