



Australian Government
**Australian Pesticides and
Veterinary Medicines Authority**

**PERMIT TO ALLOW EMERGENCY USE OF A REGISTERED AGVET CHEMICAL
PRODUCT FOR CONTROL OF GIANT NORTHERN TERMITE IN MANGO TREES**

PERMIT NUMBER – PER92765

This permit is issued to the Permit Holder in response to an application granted by the APVMA under section 112 of the Agvet Codes of the jurisdictions set out below. This permit allows a person, as stipulated below, to use the product in the manner specified in this permit in the designated jurisdictions. This permit also allows the Permit Holder and any person stipulated below to claim that the product can be used in the manner specified in this permit.

THIS PERMIT IS IN FORCE FROM 26 AUGUST 2022 TO 31 AUGUST 2025

Permit Holder:

HORTICULTURE INNOVATION AUSTRALIA LTD
Level 7, 141 Walker Street
NORTH SYDNEY NSW 2060

Persons who can use the product under this permit:

Persons generally.

CONDITIONS OF USE

Products to be used:

TERMIDOR RESIDUAL TERMITICIDE AND INSECTICIDE (APVMA No. 54624)
PLUS OTHER REGISTERED PRODUCTS

Containing: 100 g/L FIPRONIL as the only active constituent.

REGENT 200SC INSECTICIDE (APVMA No. 46793)

PLUS OTHER REGISTERED PRODUCTS

Containing: 200 g/L FIPRONIL as the only active constituent.

RESTRAINT:

Avoid runoff. DO NOT apply to excessively wet soils, immediately after or during heavy rain.

Directions for Use:

Crop	Pest	Rate
Mango trees	Giant northern termite (<i>Mastotermes darwiniensis</i>)	<u>Direct trunk injection</u> or <u>soil injection</u> methods: 100 g/L products 3mL / L water 200 g/L products 1.5 mL / L water
		<u>Aggregation drum</u> method: 100 g/L products 3 mL / L water 200 g/L products 1.5 mL / L water

Critical Use Comments:

Treatment can be applied by direct trunk injection, soil injection around the base of affected trees, or the aggregation drum method.

Direct trunk injection is the preferred method as it delivers the chemical directly into the termite galleries and less product is required. For smaller trees, trunk injection may not be suitable and the soil injection, soil drench or aggregation drum techniques should be used.

Identify the area where damage is occurring. For trunk injection, choose a highly infested tree. For soil injection, choose an area surrounding a highly infested tree. Other trees within 20 metres of application should not require treatment. Where the area of damage is extensive, trees can be treated on a twenty metre grid within the infested area. To detect giant termite activity, drill a hole approximately 12mm into the centre of the trunk at waist height. If termites are active they will seal this hole with mud on the outside after 24 hours.

Trunk injection

Apply 4 L of prepared spray solution per tree. Clear the mud from the drilled hole and apply mixture with a low pressure sprayer wand. Plug the hole with silicon putty or dowel (or a branch) of suitable diameter.

Soil injection or soil drench

Apply 2-30 L of prepared spray solution per tree depending upon the size of the tree as follows:

Small trees of trunk diameter to 15cm – apply 2 L diluted product

Trees of trunk diameter 15 to 30 cm – apply 5 L diluted product

Trees with a trunk diameter 50cm or greater – apply 10 to 30 L of diluted product

With soil injection equipment, apply the mixture from the surface to a depth of 30cm around the base of the tree. When applying as a soil drench, use a thin metal rod to make 10 to 20 holes 30cm deep around the base of the tree and pour the mixture in slowly so that it drains into the soil.

Aggregation drum method

Aggregate giant termites into drums using the method recommended by the local primary industry department or the Northern Territory Department of Industry, Tourism and Trade (https://dpiir.nt.gov.au/data/assets/pdf_file/0006/227967/termites_booklet.pdf).

Apply 5 L of diluted solution for 200 L drums. Application of the chemical should take place six weeks after the drums are set up to allow sufficient time for termites to establish and be highly active. Remove the lid, soil and garbage from the drum. Carefully loosen the timber to expose the termites; then slowly pour the chemical solution over the termites and timber. As giant termites are sensitive to light, leave the lid off the drum to force them back down through the gallery system. After two weeks, check the drum. Once activity in the drum has stopped, the drum can be removed.

Withholding Period:

Harvest: Do not harvest for 8 weeks after application.

Safety directions:

Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid contact with eyes and skin. Wash hands after use. When opening the container, preparing spray solution and using the prepared spray solution, wear chemical resistant clothing buttoned to the neck and wrist and a washable hat, half-facepiece respirator with combined dust and gas cartridge and elbow-length PVC or nitrile gloves. After each day's use, wash gloves, contaminated clothing and respirator and if rubber wash with detergent and warm water.

Jurisdiction:

QLD and WA only.

Additional Conditions:

This permit allows for the use of a product in a manner specified on the permit. Persons who wish to prepare for use and/or use products for the purposes specified in this permit must read, or have read to them, the details and conditions of this permit. Unless otherwise stated, the use of the product must be in accordance with the product label.

To Avoid Crop Damage

The sensitivity of the crop to be treated under this permit has not been fully evaluated. It is advisable to only treat a small area to ascertain the reaction before treating the whole crop.

Other Matters

Continued issuance of this permit is subject to the outcomes of the current APVMA review of fipronil. This permit may be impacted by the outcomes of this review.