



Product Name: EMA-JECT RTU TREE INJECTABLE INSECTICIDE  
APVMA Approval No: 88692/121997

Label Name:	EMA-JECT RTU TREE INJECTABLE INSECTICIDE
Signal Headings:	POISON KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 15 g/L EMAMECTIN BENZOATE SOLVENT: 770 g/L DIMETHYL SULFOXIDE
Mode of Action:	GROUP 6 INSECTICIDE
Statement of Claims:	A ready to use liquid formulation for use via trunk or stem injection for the control of a range of insect pests in trees as per Directions for Use
Net Contents:	200mL, 1 L, 2 L
Restrains:	
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	
Trade Advice:	

General Instructions:	<p>No dilution is required; this product is intended to be applied undiluted directly into the trunk or branches of trees in order to provide systemic control of insect pests.</p> <p>Ema-ject Tree Injectable Insecticide can be used as directed on ornamental trees in residential areas, business and office complexes, shopping complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields. Ema-ject Tree Injectable Insecticide also can be used in commercial forestry production, nurseries, greenhouses, and in state, federal, and local recreational forests.</p> <p>The active ingredient in Ema-ject Tree Injectable Insecticide has enough residual activity so that applications can be made preceding the attack of the trees by target pests. Ema-ject Tree Injectable Insecticide also controls existing infestations of labelled pests. If the level of infestation is severe, the high label rate for the targeted pest is recommended.</p> <p>Systemic activity occurs only after the active ingredient is translocated upwards in the tree. Translocation is dependent on moisture availability and climatic conditions. For best results (i.e., to ensure uptake), application should be made when the tree is actively transpiring.</p> <p><b>Application Equipment</b> Ema-ject Tree Injectable Insecticide can be applied with a variety of trunk injection devices. To minimise the possibility of corrosion of equipment, use chemically-resistant components or ensure thorough cleaning after use. For all injector systems, read carefully and follow all manufacturers' directions for use.</p> <p><b>Drilling the hole</b> With most injector systems, it is necessary to pre-drill holes prior to insertion of the applicator device. Holes should be drilled deep enough to permit transport of Ema-ject Tree Injectable Insecticide upwards in the vascular tissue. Take note of drill hole spacing in the critical comments of the directions for use.</p> <p>To determine the number of injection holes needed, measure the tree circumference between 30cm-50cm (low branching) and for all other trees between 90cm-120cm above the ground. Divide the circumference (as measured in centimetres) by the recommended hole spacing to determine the number of holes needed. Initial injector sites should be in the active sapwood. If a single hole cannot accept its full dose, the dose may be divided among the other initial injection holes. Spacing of injection holes should be placed horizontally aligned around the trunk circumference.</p>
Resistance Warning:	<p>For insecticide resistance management EMA-JECT RTU is a Group 6 insecticide. Some naturally occurring insect biotypes resistant to EMA-JECT RTU and other Group 6 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if EMA-JECT RTU or other Group 6 insecticides are used repeatedly. The effectiveness of EMA-JECT RTU on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Environmental Tree Technologies Pty Ltd accepts no liability for any losses that may result from the failure of EMA-JECT RTU to control resistant insects.</p> <p>EMA-JECT RTU may be subject to specific resistance management strategies. For further information contact your local supplier, Environmental Tree Technologies Pty Ltd representative or local agricultural department agronomist.</p>
Precautions:	<p>Exercise caution when using the product after storage at low temperatures &lt;5 °C. Inspect the product for any solid matter and allow to rewarm sufficiently to ensure the product is fully liquid before use.</p>

Protections:	<p><b>INTEGRATED PEST MANAGEMENT</b> Toxic to beneficial arthropods. Not compatible with integrated pest management (IPM) programs utilising beneficial arthropods.</p> <p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b> Toxic to wild mammals and birds. However, the use of this product as directed is not expected to have adverse effects on wildlife. Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.</p> <p><b>PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS</b> Highly toxic to bees. Eamectin benzoate has systemic action. DO NOT treat Elm or London plane trees after leaf drop and prior to or during bloom. Before treatment, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected.</p>
Storage and Disposal:	<p>Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store below zero degrees.</p> <p>Triple-rinse containers before disposal. Dispose of rinsate or any undiluted chemical according to state/territory legislative requirements. 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.</p>
Safety Directions:	<p>Will irritate the eyes. May irritate the skin. Avoid contact with eyes and skin. When opening the container and preparing and using the product, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), gauntlet-length chemical resistant gloves and face shield or goggles. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.</p>
First Aid Instructions:	<p>If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If swallowed, do NOT induce vomiting. If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If in eyes, wash out immediately with water.</p>
First Aid Warnings:	

SITUATION	PEST	RATE	CRITICAL COMMENTS
River Red gum trees ( <i>Eucalyptus camaldulensis</i> )	Red Gum Lerp ( <i>Glycaspis brimblecombei</i> )	2.6 – 5mL per hole with 20cm spacing between holes 3.3 – 6.3 mL per hole with 25 cm spacing between holes	Use tree injection devices to apply the chemical. Hole spacing should be 20cm to 25cm apart depending on the height of the tree. Use higher rate when pest infestation is high. Avoid application beneath areas of rot, wounding or other areas where vertical systemic uptake may be blocked within the tree. Where possible inject directly in line beneath branches or limbs.
London plane trees ( <i>Platanus x acerifolia</i> )	Sycamore lace bug ( <i>Corythucha ciliata</i> )		See General Instructions for further information on application methods.
Elm trees ( <i>Ulmus</i> spp.)	Elm leaf beetle ( <i>Xanthogaleruca</i> (=Pyrrhalta) <i>luteola</i> )		

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