

# RED GUM LERP PSYLLID

*Glycaspis brimblecombei* (Hemiptera: Psyllidae)

## DESCRIPTION

The Red Gum Lerp Psyllid (RGLP) (*Glycaspis brimblecombei*) is a foliar pest primarily on Red Gum Eucalyptus trees (*Eucalyptus camaldulensis*). Like Eucalyptus trees, the RGLP is native to Australia. RGLP is a plant-juice sucking homopteran in the family *Psyllidae*. The nymphs form a protective covering of crystallized honeydew called a lerp, which protects the insects from both predators and insecticidal foliar sprays. Excess honey dew results in the growth of sooty mold. The RGLP is responsible for extensive defoliation of Red Gum Eucalyptus trees. Heavy infestations result in reduced tree health, decline and ultimately, tree loss.

## SYMPTOMS

Trees infested by Red Gum Lerp Psyllid have leaves covered in “lerps,” blackened by sooty mold and drop leaves. Honeydew from eucalyptus trees may also be an indication of RGLP infestation.

## TREATMENT

Arborjet recommends a trunk injection using IMA-jet (imidacloprid), a systemic insecticide for the control of RGLP. Applications may be made using the Arborjet TREE I.V. or the QUIK-jet micro-injector.

## PHOTOS

A: A eucalyptus leaf infested with RGLP.

B: An adult RGLP.

Photo A taken by: William M. Ciesla, Forest Health Management International, Bugwood.org

Photo B taken by: Jack Kelly Clark, University of California Statewide IPM Program



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## WHEN TO TREAT

In Eucalyptus trees, treat when RGLP is first observed in trees for best results.

Generally, the best seasons for injection are fall and spring, as uptake occurs when trees are transpiring. The environmental conditions that favor uptake are adequate soil moisture and relatively high humidity. Soil temperature should be above 40°F for trunk injection. Hot weather or dry soil conditions will result in a reduced rate of uptake, so trees should be watered if applications are made when soil is extremely dry. If treating trees in the summer, inject in the morning for the quickest uptake. Tree health will affect treatment efficacy, so assess tree health prior to treating. For example, a declining tree (>50% canopy dieback) is a poor candidate for treatment.

## WHAT TO EXPECT AFTER TREATMENT

IMA-jet is an effective treatment option for RGLP infestation. Trees will re-foliate, proportional to the level of infestation at the time of treatment. Best outcomes are seen when applications are made early to trees. Trees that have been repeatedly defoliated by RGLP without treatment will have a poorer prognosis for recovery.

## WORLD CLASS FORMULATIONS

For treatment of Red Gum Lerp psyllid use IMA-jet.

IMA-jet is a broad spectrum insect control with long residual activity for micro-injection and micro-infusion applications. IMA-jet is used in the management of specific insect pests of trees and landscape ornamentals.

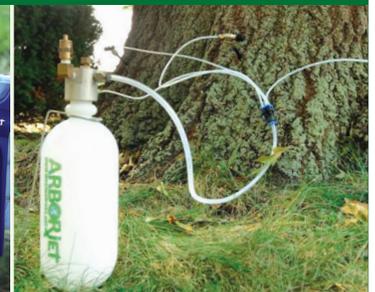
IMA-jet may provide multi-season control against a wide range of piercing, sucking and boring insects. Imidacloprid has low toxicity to mammals.

Our products can be purchased at your local Arborjet distributor. For a distributor near you visit [arborjet.com/distributor](http://arborjet.com/distributor)



## QUIK-JET INJECTION

## TREE I.V. INJECTION



## ARBORJET DELIVERY SYSTEMS

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