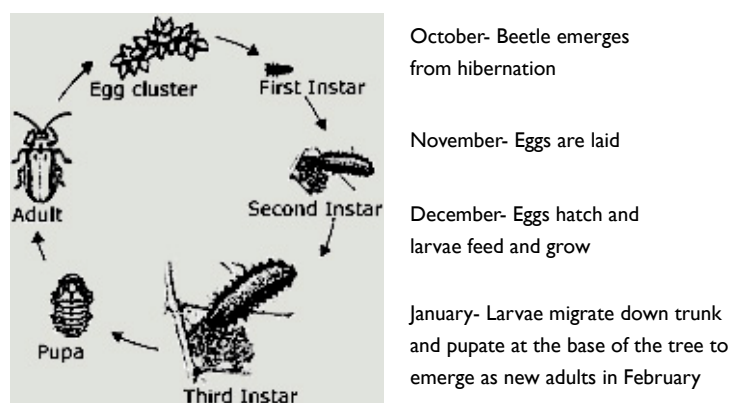


Protecting your Elms against Elm Leaf Beetle

Elm Leaf Beetle (ELB) was accidentally introduced into Australia in the late 1980s, since then the beetle has rapidly spread throughout Victoria. Both the adult and the larval stage of ELB feed on Elm trees and can cause complete defoliation of a large Elm trees in the course of a single summer. While local government strives to control the pest in public areas, more must be done to control the beetle on private properties.

Tree Logic offers a variety of control options for ELB, utilising low toxicity insecticides. In most cases the time of year and access to tree roots ultimately determine the best method of control. Speak to one of our plant health care consultants today and help to control this pest and protect Melbourne's Elm trees.



Control Options

Soil Injection

This method is undertaken between August and October just prior to leaf burst. The procedure employs a purpose designed soil probe that is inserted into the soil around the drip line of the tree. A low-toxicity systemic insecticide (Merrit) is then pumped into the soil where it is taken up by the tree's root system. The insecticide is then transported via the tree's vascular system to the newly emerging leaves where it is ingested by feeding beetles and larvae. Soil injection treatments are guaranteed for 12 months, although the majority of Tree Logic's clients report at least two years control from a single treatment.

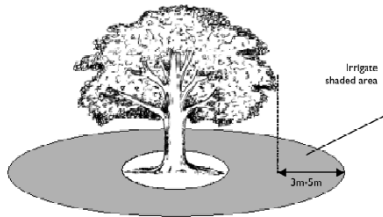
Trunk Injection

This method is undertaken between October and December after leaf burst and is particularly useful in situations where it is difficult to access tree roots. The procedure employs specialised trunk implants that are inserted directly into the tree's vascular system where they deliver a dose of low-toxicity systemic insecticide. Once in the tree, the insecticide is transported via the tree's vascular system to the leaves where it is ingested by feeding beetles and larvae. The delivery system is self-contained and greatly reduces chemical exposure to the surrounding environment. Once the treatment is complete the implants are removed and your Elm will be protected against ELB. Trunk injection treatments are guaranteed for 12 months, although the majority of Tree Logic's clients report at least two years control from a single treatment.

Tree Logic is licensed with the department of Human services to apply pesticides. All Tree Logic plant health care technicians are fully qualified and trained.

Addition information

Watering your Elm may help to improve the efficacy of the treatment. This is particularly important after treatment as additional soil moisture assists with the translocation of the insecticide from the roots to the canopy. Watering is most effective if it is applied to the soil from half way between the trunk and the drip line to 3-5m beyond the drip line. Water loss through evaporation can be limited by watering trees early in the morning or in the evening. Tree Logic encourages responsible water usage and recommends that additional watering be compliant with current water restrictions and the use of recycled water is recommended where possible.



Some Elm species develop suckers from their roots, particularly if the trees are drought stressed or have been damaged by mowers. Elm suckers are not protected from ELB even if the primary tree has been treated it is therefore important that all suckers are removed as they can provide a safe food source for the ELB. Suckers should be removed with a clean, sharp cut as close as possible to the root; the use of herbicides is not recommended as it may also kill the tree. Mulching beneath your Elm will reduce damage to tree roots from mowers and improve water availability and retention

For more detailed information on these and other services please visit our website www.treelogic.com.au

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