

# HUMBER NURSERIES—NEWS BULLETIN

## ASIAN LONG HORNED BEETLE

Discovery of the Asian Long Horned Beetle (ALHB) is cause for concern and requires co-operation and careful management to prevent further spread. The Canadian Food Inspection Agency (CFIA) is cooperating with other authorities including the City of Mississauga, the City of Toronto, and the City of Brampton, as well as, the Ontario Ministry of Natural Resources Canada to determine next steps. The regulated area includes the region bordered in the north by Finch Ave.; in the east by Martin Grove Road; in the south by Hwy 401 and in the west Dixie Rd.; an area of approximately 20 square kilometres. This area has been declared a Regulated Area until the ALHB has been eradicated. Since the ALHB has no known natural enemies and chemical control measures are not available, infected trees must be cut down and chipped to less than 5/8", or burned.



### **Recognition**

Most insects and infected trees are found by the public, not by inspectors. If you see any trees that show signs of infestation, such as 1 cm diameter holes 'drilled' in the stem or small reddish brown oval-shaped wounds chewed in the bark of branches or trunks, please report it to the CFIA (800.442.2342 or [www.inspection.gc.ca](http://www.inspection.gc.ca)).

### **The Insect**

The adult ALHB is large (35 mm long and 12 mm wide) with a shiny, black body, six legs and up to 20 white dots. Its antennae are long with 11 black and white alternating segments. Blue is often seen on the legs.

### **The Site or Tree**

The adults begin to emerge in May and populations peak in July. They are active until October. The egg-laying site can be oval to round, where the female chews a small indentation to deposit the egg. Sap, which is often frothy, may leak from egg laying sites. A female can lay 80 eggs. Sawdust around the base of the tree or where branches meet the tree, indicate larval feeding. The exit holes are most obvious, as you could slide a pencil inside the opening (9-11 mm).

Permission is required to move **regulated material** out of the above area. There are **no** regulations for moving host trees into the area. For details please contact the CFIA. For disposal of yard waste please contact your municipality.

### **Regulated Material**

- All firewood, branches, logs, lumber, brush leaves, wood chips or bark
- Nursery stock, including known preferred host trees: Maple (*Acer*), Horse Chestnut (*Aesculus*), Willow (*Salix*), Elm (*Ulmus*), Birch (*Betula*), London Plane Tree (*Platanus*), Hackberry (*Celtis*), Poplar (*Populus*), Mountain Ash (*Sorbus*), Silk Tree (*Albizia*) and Katsura (*Cercidiphyllum*)

It is strongly recommended that known preferred host trees, of any size, not be replanted in the regulated area. If they are within 400 metres of an infected tree, they will be cut down.

### **Humber Nurseries Recommends These Alternatives**

Serviceberry (*Amelanchier*), Beech (*Fagus*), Honey Locust (*Gleditsia*), Ornamental Pear (*Pyrus*), Oak (*Quercus*), Linden (*Tilia*) as well as all evergreen or coniferous trees. This is only a partial list and generally any tree not identified as a host tree, would be suitable.

## HUMBER NURSERIES LTD.

Ontario's Largest Garden Centre

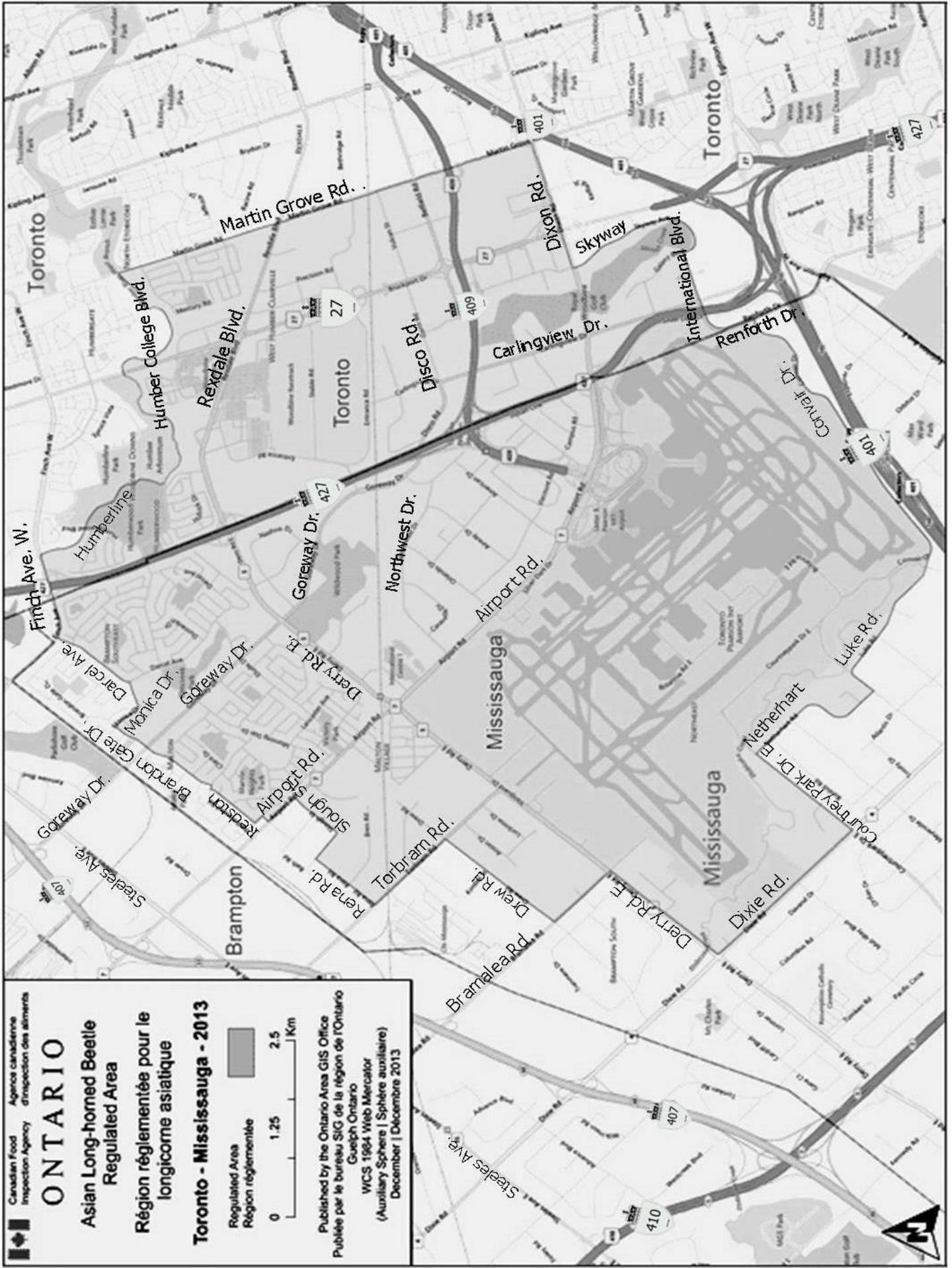
8386 Hwy 50, Brampton, Ontario L6T 0A5

Ph: 416.798.8733(TREE) Ph: 905.794.0555 Fax: 905.794.1311

[www.humburnurseries.com](http://www.humburnurseries.com) [humber@gardencentre.com](mailto:humber@gardencentre.com)

Get all of your gardening questions answered through the 'Ask the Experts' link on our website





While this map may be free from error or omission, care has to be taken to ensure the best possible quality. The CFIA makes no representations or warranties, either expressed or implied, as to the accuracy of the information presented and the client assumes the entire risk as to the use of any or all information.