



Emerald Ash Borer

Overview

The emerald ash borer, *Agrilus planipennis* Farmaire, is a wood-boring insect that is found in Ontario. This invasive species is native to Asia and was first found in Ontario in June of 2002.



Species Information

- Emerald ash borer infestations occur throughout most of Southern Ontario
- Larvae are cream-coloured and adults are metallic green
- Eggs are laid in bark crevices on ash trees
- Larvae leave behind "S" shaped galleries under the bark as they chew and feed on it
- The beetle has a 1 year life cycle in southwestern Ontario, but some of these beetles farther north have a 2 year life cycle



Damages

- This species feeds on all ash species in Ontario
- Galleries girdle the trees (severs the connection between the leaves and the tree's roots)
 - This causes the foliage to wilt or turn yellow
- Larvae tunnel and girdle the tree, interrupting the tree's access to food and water
 - This causes branch mortality, which leads to tree mortality and eventually death
- Adult emerald ash borers leave exit holes in the bark that are the shape of a "D"

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