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*Professional Timber Cruising and Compilations*

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## Nicola Lakeshore Estates

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### Use and Placement of Pine Beetle Repellants

**Verbenone** is a beetle repellent that emits a scent that tells the beetles that the tree has already been attacked.

**Green Leaf Alcohol** emits the scent of a deciduous tree or non-host species.

Both products have an effective range of a 5 to 10 meter radius and are about 80% effective.

To determine how many repellent packages to use you will have to consider the spacing between trees and realize that any tree without a treatment is susceptible. I have been using Verbenone on one tree and GLA on the next one. Large trees that are isolated are best treated using both products on the same tree.

Other considerations are that this year it is anticipated that the beetle flight will be the largest yet so you may want to concentrate on which trees you want to save and use both products on them regardless of spacing.

**USE:** Both products are in sealed foil packages. Cut the package open carefully as close to the seal as possible so as not to cut into the actual scent.

**Placement:** Staple or nail on the **north** side of the tree as high up as you can reach. Preferably use a short step ladder. Verbenone has a blue strip for stapling, GLA does not. There is a thin area for which to staple above and below. If you staple into the package it is okay it just shortens the life span as the scents dissipate faster.

**Safety:** You may want to wear rubber gloves when doing this and definitely wash your hands after touching these products.

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