

White Pine Bush

Survival of a species (Level 4)

Lemonwood Tarata *Pittosporum eugenioides*

How many seeds are produced by one tree in one year?

Make up groups of three children....

One will count the number of seeds in each capsule, do several to be sure.

One will count the approximate number of capsules in each cluster.

One will count the approximate number of clusters on the tree.

Number of seeds x number of capsules x number of clusters = seeds on the tree.

_____ x _____ x _____ = _____ seeds

Then assume a life of, say 100years then how many seeds will the tree produce? _____.

How many seeds will have to grow for that type of tree to survive? _____

This type of calculation may be done for any tree that has seeds on it.