

A MACHINE TO BLEND LEAF

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ABSTRACT

This project paper is about a machine to blend leaf, its construction, its theory behind it and the possible outcomes that it can produce. A leaf-blending machine is made up of mainly mechanical parts and electrical motors. The mechanical part consists of machine frame, rotating arms, vibrating tray, blender and also induction motor as the heart of the machine. By putting leaf either dry or wet into the machine, it will cut the leaf into small pieces. As a result, the small pieces of leaf can be used for fertilization on trees and plants. It benefits the plants as it is organic and contains all the nutrients the plants need. It also benefits us as leaf is easily available and most importantly it serves better at the lowest cost than the artificial fertilizer.