

- ❖ The good parts of the fronds can be obtained in the rachis portion, they are denser hence can be used in components that require loads.
- ❖ Nails and glues were effective as fasteners; split rattan can be used to bind the sliced fronds to the wooden frame to enhance the indigenous look of the products.
- ❖ The raw materials must be properly dried and treated with “Timbor”, an anti-wood boring insect preservative prior to finishing.

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PROCESSING AND UTILIZATION OF COCONUT FRONDS (*Palapa*)



The Product

Different products such as plant boxes, chairs, tables, stools, cabinets and dividers can be successfully designed and fabricated using the rachis portion of coconut frond as the main component and using small pieces of wood as their skeletal structure.



The Technology

The technology deals with the production of furniture, novelty items, and other industrial and economic products from coconut fronds. PCA-ZRC researchers have found that:



- ❖ The average volume of woody materials that can be recovered from a single frond, after extracting the unusable parts, is about 23 % or equivalent to 0.24 bd. Ft.
- ❖ Coconut fronds can be machined and assembled effectively into a suitable product using common wood working tools. They can also be finished with any transparent top coat such as lacquer or varnish.