

Utilization of the Small Round Wood from Plantation and Laminated Bamboo Strips for Community Furniture.

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ABSTRACT

Eucalyptus tree from plantations aged 2-4 years were selected to presentation for utilization toward small round wood as the community furniture by using the method of mortise and tenon technology (MTT). For this technique, extension and technology transfer were also performed to agro-based community enterprises. Two requisite communities i.e. Suphan Buri and Buri Ram province including 91 participants were trained through practical workshop on wood product development and application. They were guided to understanding in production of bed-furniture step by step with small round wood by mean of using without nails and glue. Furthermore, increasing skills to work to improve the quality of the product for example, the used of tools, safety precautions in the used of tools, method of drying and preservation of the wood, designing on knockdown furniture were trained. Resultant workshop was consequently increased family income and knowledge transferred to another. In case of utilization of woody bamboo by fabricating the chair with bamboo strips, process of lamination and bending of wood were applied to produce furniture.

It was found that the both presented furniture fabrication as pilot model could be value added in the production of community goods as well strong and beautiful and exotic. Extra capacity could be maintained favorably and conveniently to transport. In addition, the knowledge from this research could be applied in the manufacture of furniture and appliances such as tables, cabinets and frames with basic tools were suitable way to promoting the efficiency and utilization of forest and other wood. The dissemination of knowledge to community was to be the efficient and sustainable potential on development and management of forest resources.

Key words : Small RoundWood from Plantations , Eucalyptus Tree, Laminated Bamboo Strips