

<<亚太地区橡胶木加工技术的推广>>

图书基本信息

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内容概要

Demonstration of rubberwood processing technology and promotion of sustainable development in China and other Asian countries" and the book was edited on the base of the Proceedings of the ITTO/CFC International Rubberwood Workshop held in Haikou, China from December 8 to 10, 2008. The project was implemented by the Research Institute of Wood Industry, Chinese Academy of Forestry (CAF) from 2006 to 2008, with the assistance of General Bureau of Hainan State Farms (GBHSF) and Hainan State Farms Woodworking Co. Ltd. The project aims to: increase the contribution of the rubberwood industry to the national economy through more efficient utilization of existing rubberwood raw materials upgrade the competitiveness of rubberwood products compared to other wood products produced from natural tropical forests via the use of technical guidelines and demonstration.

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插图：1.4.2 Environmental concept strengthened In the past, the main preservative used in almost all sawmills was NaPCP, which was greatly harmful to environment. Through this project, many environmental friendly preservatives were introduced, such as boron based preservatives and FB, F1, F2, WF-03 anti-mould formulas. 1.4.3 Improvement of preservation technique Through this project, new measurement meter was introduced to industrials for online detecting and adjusting the solute concentration, which could more precisely control the preservative absorption, not only to keep the treatment quality, but also to save cost. 1.5 Strategies for the promotion of rubberwood industry development. (1) Rational allocation of resources to ensure sustainable supply of rubberwood. The rubber plant is mainly for producing rubber, it should be integratedly managed with considering the integrated profits of forest output, rubber tree species, trees planting and cutting programming. Besides the yield of latex, theyield and quality of rubberwood should also be considered. (2) The management and processing techniques should be strengthened, and the different processing scales should be supported. The processing scale depends on collection and supply ways of rubberwood log. Currently, the rubberwood processing technology is not good in China, technique support is essential for a better processing. For some places, more efficient and larger-scale manufacture is encouraged to be established. In this way, the rubberwood could be used in more efficient and environment-friendly way. (3) Promoting the production of dimension timber. To produce the dimension timber or non-dimension timber is depending on the processing technique and rubberwood supply quality in different factories. To produce more dimension timber is encouraged since it usually means a good quality and more added values. (4) The improvement in rubberwood preservative treatment techniques and sawn timber quality. The rubberwood is easily decayed and moulded. Exposed in the open air, the green log with bark will be decayed in 1-2 months, the timber will be moulded in 7-10 days. Therefore, if the rubberwood can not be processed in time, it must be treated by preservatives. Presently the timber colour will be browning after the treatment, which degrades the quality of the timber. In addition, the application of preservative treated wood is restricted due to the safety reason. All these need technique improvement in preservative treatment and drying.

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