<<中国海口第四届木麻黄国际会议论文 >

图书基本信息

书名：<<中国海口第四届木麻黄国际会议论文集>>

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内容概要

已经证实木麻黄是有重要生态、社会和经济作用的树种，对这类固氮树种的研究与开发有全球影响的意义。
目前世界热带和亚热带地区种植木麻黄人工林面积约200万公顷，为脆弱的沿海防护林生态系统提供稳定防护林材料，并是农田防护林和退化地先锋树种，其木材可生产柱材、薪炭材、板材和纸浆等。
1981、1990和1996年，分别在澳大利亚堪培拉、埃及开罗和越南岘港召开了前三届国际木麻黄研讨会，第四届国际木麻黄研讨会2010年3月22－25日在海口召开。
该论文集收录科研论文37篇，反映了木麻黄研究与发展的最新信息和进展。

书籍目录

章节摘录

Casuarina is raised in high density plantations （about 10, 000 stems ha） and it responds well for irrigation and nutrient application. The commonly followed rotation period is 4 years with irrigation and 6 years under rainfed conditions. But the duration varies greatly in different areas and between farmers.ln a few places of coastal Tamil Nadu irrigated Casuarina is harvested as early as 2.5 yearsof age whereas Forest Department plantations without irrigation are retained up t0 8 years. Woodproduction varies greatly across location, cultivation techniques adopted and age of the trees. Plantations with irrigation and fertilizer application yield 100-150 tonnes ha川of air dried wood （up to 7 cm dbh）. Under rainfed conditions an average yield of 75-100 tonnes ha, in 6 years dependingupon soil quality and amount of rainfall during the cultivation period. An additional 12-18 tonnes ofmiscellaneous wood is produced per hectare in the form of branches, tops and roots. At the time ofharvest the average height is 12 m and dbh is 8 cm. ……