

The Economic and Profitable Cultivation Research of Chinese mahogany

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Abstract

The influence of different plant density and pruning intensity on growth and leaflet yield of Chinese mahogany (*Cedrela sinensis* Juss.) under field condition were investigated in this experiments.

Growth of Chinese mahogany planted in the distance between rows and between plants namely, 1.2M×1.2M, caused the most sprouts and leaf numbers, and than had a rich leaflet yield. The development of paripinnates were not significantly different among 3 planting spaces.

Benefits of pruning appeared greater than that of dense planting in Chinese mahogany. The treatment of cutting-in half the current growth caused the most plant height and leaflet yield, whereas the most growing ratio of sprouts and the length of leaves or leaflets resulted from cutting-in 60 cm of plant above ground. It was worse in the performance of plant characters, and less profit by the treatment of pruning current growth on plant to make more sprouts for yielding purpose.

Key words : Chinese mahogany , Planting density , Pruning.

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