

ICS 65.020.40
CCS B 65

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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

LY/T 2910-2017

**Technical regulations on timber plantations of *Araucaria
cunninghamii***

南洋杉用材林培育技术规程
(English Translation)

Issued on: October 27, 2017

Implemented on: January 1, 2018

Issued by: State Forestry Administration

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by the Chinese Academy of Forestry.

This standard is under the jurisdiction of the National Afforestation Standardization Technical Committee (SAC/TC385).

This standard was drafted. Institute of Tropical Forestry, Chinese Academy of Forestry, Hailinchang, Guoping Town, Kaiping City, Guangdong Province.

Introduction

Araucariacunninghamii Aiton ex D. Don, also known as *Araucaria*, is *Araucariaceae*. *Araucaria* is an evergreen tree, which is naturally distributed in the area of 8°~32° south latitude and 0m~1300m above sea level. *Araucaria* trunks tall, straight, tree-shaped. Beautiful, wood hardness is moderate, easy to process, widely used in veneer, plywood, interior decoration materials and all kinds of furniture and paper making, for the Australian University Lia, New Zealand and Papua New Guinea widely promote the cultivation of commercial timber species. *Araucaria* native to Queensland, New South Wales, Australia, Papua New Guinea and Irian Jaya, Indonesia, China's Hainan, Taiwan, Guangdong, Guangxi, Yunnan, Fujian and other provinces. Kind. After centuries of domestication, it gradually moved northward, and the growth performance was good in Nanping, Sanming, Shanghang and other places in northwestern Yunnan.

winter. *Araucaria* is widely suitable for soil conditions in tropical, South Asian and Central

Asian tropical regions. It has high yield and high yield, and is the main source for cultivating large diameter timber.

One of the afforestation species. In order to regulate the construction of Araucaria timber forest and improve the yield and quality of Araucaria fast-growing and high-yield forest, this standard is specially formulated.

Technical regulations for cultivation of Araucaria timber forest

1 Scope

This standard specifies the technical requirements for seeding, seedling raising, afforestation, tending, harvesting and archival management of Araucaria.

This standard applies to the cultivation and management of Araucaria artificial timber forest.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2772 forest seed inspection procedures GB/T 6001 nursery technical regulations
GB/T 15776 Afforestation Technical Regulations GB/T 15781 Forest Tending Regulations
GB/T 15782 Afforestation overall design procedure LY/T 1607 afforestation operation
design procedure LY/T 1646 Forest Harvesting Procedures

3.1 Suitable range

The tropical and southern subtropical regions of China are suitable for the growth of Araucaria. The annual precipitation in the suitable area is 1000mm~2000mm, the annual average Temperature 16 ° C ~ 26 ° C, the hottest month average temperature 23 ° C ~ 30 ° C, the coldest month average temperature 1 ° C ~ 7 ° C, the extreme minimum temperature is not low at -3 ° C.

3.2 Site conditions

From plains to hills and mountains, in well-drained alluvial sandy soils and basalts, diorite, limestone, acid phyllite, breccia, Araucaria grows well on schist, granite, and shale-developed soils. Choose an altitude below 1300m, mid-downhill, deep and fertile soil, Site-friendly afforestation with good permeability is appropriate.

4 Business objectives

The business goal of Araucaria timber forest is to cultivate medium and large diameter timber. Cultivate medium-diameter timber with a breast diameter of 30cm~40cm.

It is 30a~40a. Large diameter timber with a diameter of $\geq 40\text{cm}$ is cultivated, and the rotation period is generally 40a~55a.

5.1 Seed source

Seeds of seed or garden, provenance or mature mother plants are used. The seed test method is carried out in accordance with the provisions of GB/T 2772.