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

LY/T 2817-2017

Technical regulations for *Idesia polycarpa* Maxim. cultivation

山桐子栽培技术规程

(English Translation)

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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 Henan Agricultural University.

This standard is under the jurisdiction of the National Afforestation Standardization Technical Committee.

This standard was drafted. Henan Agricultural University, Yellow River Institute of Science and Technology, Henan Forestry Technology Extension Station, Henan Forest Aviation Fire Station, Henan Academy of Forestry.

1 Scope

This standard specifies the environmental requirements, planting, woodland tending, plastic pruning, disease cultivation of *Idesiapolycarpa Maxim.*

Technical requirements for pest control and harvesting.

This standard is applicable to the cultivation and management of all parts of the natural distribution area of Shantongzi.

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 5084 Farmland Irrigation Water Quality Standard GB 6000 Main afforestation tree seedling quality grading GB/T 8321 (all parts) Guidelines for the rational use of pesticides GB/T 15776 Afforestation Technical Regulations

3 Environmental requirements

$\geq 10^{\circ}\text{C}$ annual total accumulated temperature of 4500°C or above or annual average temperature of $12^{\circ}\text{C} \sim 20^{\circ}\text{C}$, extreme minimum temperature of -14°C , extreme maximum temperature of 43°C , the average annual precipitation is more than 650mm, the relative humidity of the atmosphere is more than 60%, the altitude is $\leq 1800\text{m}$, the slope is $\leq 25^{\circ}$, the semi-sun slope or the sunny slope, the soil layer is thick.

The area is not less than 30cm, the soil pH is 6.5~7.5, the soil is loose, and the drainage and permeability are good. Others according to GB/T 15776 Seek execution.

4.1 Soil preparation

Planted in the spring in the autumn and winter at the beginning of the year, and planted in the autumn one month before planting.

Flat land preparation is adopted for flat land; slope land is used for land preparation along the contour line (along the contour line, the bandwidth is about 6m, and the length is based on the terrain.

And set) or hole-like soil preparation (size 40cm ~ 60cm square). See GB/T 15776 for other information.

When burrowing, the topsoil and the heart soil are piled up separately. When backfilling, each hole is thoroughly mixed with the topsoil with the used farmyard manure (15kg~25kg).

Evenly, backfill to the bottom of the hole, and then fill the hole 2/3 with the heart soil, and the water is solid.

4.2 Seedling specifications

Seedlings should be free of quarantine objects and pests, the seedlings are straight, the color is normal, fully lignified, and no damage.

1a raw seedlings or cuttings seedlings level ≥ 4 roots, the main root length is more than 25cm, the seedling height is more than 40cm, and the ground diameter is $>0.8\text{cm}$.

2a raw seedlings or cuttings seedlings level ≥ 6 roots, the main root length is more than 40cm, the seedling height is more than 80cm, and the ground diameter is $>2.0\text{cm}$.

Grafted seedlings (1(2)-0) primary lateral roots ≥ 5 , the main root length is more than 30cm, the seedling height is more than 60cm, and the ground diameter is $>2.0\text{cm}$.

4.3 Pollination Tree Configuration

When the land is arranged in a row, the ratio of the female to the male can be 4.1; the slope can be based on the area, and the ratio of the male to female is not less than 8.1.