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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

LY/T 1345-2024

Technical regulations for the establishment of forest seed production base

林木种子生产基地建设技术规程

(English Translation)

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

This document integrates LY/T 1345-1999 "Technology for the Construction of Seedling Gardens of Major Coniferous Tree Species for Afforestation", LY/T 2427-2015 "Technology for the Construction of Seedling Gardens of Masson Pine LY/T 3109-2019 "Technical Specifications for the Construction of Oil Peony Seed Gardens", LY/T 2542-2015 "Technical Specifications for the Construction of Chinese Fir Seed Gardens" LY/T 2638-2016 "Technical Specifications for the Construction of Larix principis-rupprechtii Seed Garden",

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LY/T 2783-2016 "Technical Specifications for the Construction of Olive LY/T 2433-2015 "Technical Specifications for the Construction of Pecan Nurseries", LY/T 2308-2014 "Technical Specifications for the Construction of Pecan Nurseries" LY/T 2431-2015 "Technical Specifications for the Construction of Tall Tree Scion Nurseries", LY/T 1936-2011 "Technical Specifications for the Construction of Oil Tea Nurseries the relevant national and forestry industry standards include the Technical Specifications for the Construction of Cinnamomum camphora Cuttings Nursery and LY/T 3062-2018 Technical Specifications for the Construction of Cinnamomum camphora Cuttings Nursery.

Compared with the integrated standards, in addition to structural adjustments and editorial modifications, the main technical changes are as follows.

a) The construction technology content has been changed. (See Chapter 4: See Chapter 4 of GB/T 16621-1996; Chapter 4 of LY/T 1345-1999;

Chapter 5, Chapter 6 and Chapter 7 of LY/T 1936-2011; Chapter 3, Chapter 4 and Chapter 5 of LY/T 2308-2014;

Chapter 4, Chapter 5 and Chapter 6 of LY/T 2427-2015; Chapter 4 and Chapter 5 of LY/T 2431-2015;

Chapter 4 and Chapter 5 of LY/T 2433-2015; Chapter 5 and Chapter 6 of LY/T 2542-2015; Chapter 6 of LY/T 2638-Chapter 5 of LY/T 2016; Chapter 5 of LY/T 2783-2016; Chapter 4 of LY/T 3062-2018; LY/T 3109-2019 Chapters 4 and 5 of.)

b) The content of business management technology has been changed. (See Chapter 5: See Chapter 5 of GB/T 16621-1996; LY/T 1345-1999 Chapter 5 of LY/T 1936-2011; Chapter 6 and Chapter 7 of LY/T 2308-2014;

Chapter 7 of LY/T 2427-2015; Chapter 6 of LY/T 2431-2015; Chapter 6 of LY/T 2433-2015;

Chapter 7 of LY/T 2542-2015; Chapter 6 of LY/T 2638-2016; Chapter 6 of LY/T 2783-2016;

Chapter 5 of LY/T 3062-2018; Chapter 6 of LY/T 3109-2019.)

1 Scope

This document stipulates the construction of seed production bases for major afforestation tree species in my country, including seed gardens, mother tree forests, seed collection bases and scion collection nurseries, etc.

and business management technical content.

This document applies to the construction of seed production bases for major afforestation tree species.

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2 Normative references

The contents of the following documents constitute essential clauses of this document through normative references in this document.

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document.

GB/T 6001 Technical regulations for seedling cultivation GB/T 8321 (all parts) Guidelines for the rational use of pesticides GB/T 15776 Afforestation Technical Specifications GB/T 16619 Forestry seed collection technology LY/T 1000 Container Seedling Technology LY/T 2280 Forestry seedling production and management files

3 Terms and definitions

The following terms and definitions apply to this document.

Dwarfed seed orchard A seed orchard managed through dwarfing techniques such as stem cutting, tip picking, pruning and branch pulling.

By constantly replacing and replanting excellent clones or plants with high general compatibility and high flowering and fruiting capacity, the seed garden can maintain high and stable seed yields.

It is a measure to increase production and thus extend the production and operation period of the seed orchard.

4.1.1.1 Site selection

Orchards should be built in areas suitable for the growth of the tree species. Corresponding seed orchards should be established for afforestation in different ecological zones.

Gardens should not be built in areas with high land ownership, convenient transportation, sufficient water resources, sufficient labor, or easy access to the land.

The area where mechanized operations are carried out should be built on a continuous gentle slope or flat land with suitable altitude, slope less than 25°, sufficient sunlight and medium soil fertility.

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