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

LY/T 2135-2013

Pomegranate

石榴质量等级

(English Translation)

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Appendix A (Informative) Main pomegranate producing areas and main pomegranate cultivars

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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 replaces LY/T 1893-2010 "Technical Regulations for Cultivation of Pomegranate Seedlings" and LY/T 2135-2018 "Pomegranate Quality Grades".

Compared with LY/T 1893-2010 and LY/T 2135-2018, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

- a) The cultivation technology of pomegranate seedlings has been changed (see Chapter 4, Chapter 4 to Chapter 7 of LY/T 1893-2010);
- b) Added grafting seedling technology (see 4.6);
- c) Added pomegranate cultivation management (see Chapter 5);
- d) Pest and disease control has been modified (see Chapter 6, 4.7.7 of LY/T 1893-2010);
- e) Added technical requirements for fruit harvesting (see Chapter 7);
- f) The technical content of pomegranate fruit quality grade has been changed (see Chapter 8, Chapter 4 to Chapter 6 of LY/T 2135-2018);
- g) Added technical requirements for fruit storage and preservation (see Chapter 8).

1 Scope

This document specifies the seedling cultivation, management, pest and disease control, fruit quality grade and storage of pomegranate (*Punicagranatum* L.) Storage and preservation and other technical requirements.

This document applies to the cultivation of pomegranate seedlings, production and sales of

fruits.

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 3095 Ambient Air Quality Standard GB 5084 Agricultural irrigation water quality standard GB/T 6001 Technical regulations for seedling cultivation GB/T 8321 (all parts) Guidelines for the rational use of pesticides GB 15618 Soil Environmental Quality Agricultural Land Soil Pollution Risk Control Standard (Trial Implementation) GB/T 23244 Technical specification for controlled atmosphere storage of fruits and vegetables GB/T 33129 General operating procedures for packaging and cold chain transportation of fresh fruits and vegetables NY/T 496 General principles for the rational use of fertilizers NY/T 525 Organic Fertilizer NY884 Bio-organic Fertilizer NY/T 1276 General Rules for Safe Use of Pesticides

3 Terms and definitions

The following terms and definitions apply to this document.

functional male flower A flower with calyx, petals, and stamens, but with a degenerate pistil.

Note: It has the characteristics of small corolla, thin ovary, trumpet-shaped calyx tube, and falls off after opening. It is commonly known as "bell-shaped flower" and "strong flower".

Complete flower bisexual flower A flower with calyx, petals, stamens and pistils.

Note: It has an enlarged ovary that is approximately cylindrical and can bear fruit after normal pollination. It is commonly known as "tubular flower" or "fruit flower".

4.1 Nursery site selection

Choose a flat terrain with good drainage and irrigation, convenient transportation, no wind and sand hazards, no dangerous diseases and insect pests, pH 5.5-8.5, deep soil, and fertile land.