

ICS 67.080.10

CCS B31



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

GB/T 10650-2025

Replacing GB/T 10650-2008

Fresh pears

鲜梨

Issued on: December 31, 2025

Implemented on: July 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document replaces GB/T 10650-2008 "Fresh Pears". Compared with GB/T 10650-2008, the main differences are structural adjustments and editorial changes. In addition, the main technological changes are as follows:

---The scope of application has been changed (see Chapter 1, Chapter 1 of the.2008 edition);

---The following terms have been removed. "Variety Characteristics", "Maturity", "Maturity Level", "Prick Wound", "Injury from Impact", "Abrasion", "Pesticide Damage", "Sunburn", "Hail Damage", "Diseases", and "Physiological Conditions". Terms and definitions for "sexually transmitted diseases," "infectious diseases," "insect damage," "insect-infested fruit," "external moisture," and "tolerance" (see Chapter 3,.2008 edition). Chapter 3);

---The quality requirements have been changed (see Chapter 4, Chapter 4 of the.2008 edition);

---Health indicators have been removed (see

4.3 in the.2008 edition);

---Specification divisions have been added (see 4.3);

---The testing method has been changed (see Chapter 5, Chapter 5 of the.2008 edition);

---The regulations regarding sampling methods and quantities have been changed (see 6.2, 6.5 in the.2008 edition);

---The judgment rules have been changed (see 6.3, Chapter 6 of the.2008 edition);

---The tolerance has been changed (see 6.3.4, 6.3.5, Chapter 7 of the.2008 edition);

---The packaging and labeling regulations have been changed (see Chapter 7, Chapter 8 in the 2008 edition);

1 Scope

GB/T 10650-2025 is the Chinese national standard on fresh pears, in the field of food technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 31 December 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 July 2026. Classification: ICS 67.080.10, CCS B31. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the requirements for the quality, inspection rules, packaging and labeling, storage and transportation of fresh pears, and describes the corresponding inspection methods. This document applies to the quality grading and commercial distribution of fresh pears.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 191 Packaging and Storage Graphic Symbols

GB/T 8855 Sampling Methods for Fresh Fruits and Vegetables

GB 43284 Requirements for Limiting Excessive Packaging of Fresh Edible Agricultural Products
GH/T 1152 Pear Refrigeration Technology

NY/T 1198 Technical Specifications for Pear Storage and Transportation

NY/T 1778 General Rules for Labeling of Fresh Fruit Packaging
NY/T 2009 Determination of Fruit Firmness

NY/T 2637 Determination of soluble solids content in fruits and vegetables by refractometer method

NY/T 3104 Technical Specification for Postharvest Precooling of Pome Fruits (Apples and Pears)

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4 Quality Requirements

4.1 Basic Requirements Fresh pears should meet the following basic requirements.

- Possesses the inherent characteristics of this variety;
- The fruit should be intact and in good condition; fresh and clean, without any off-odors or abnormal flavors; free from foreign moisture; free from rot; free from thorns, scratches, or disease. Insect-damaged fruit, no hail damage;
- It has a maturity level suitable for market sales or storage requirements.

4.2 Classification The grading of fresh pears should meet the requirements of Table 1.