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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 18518-2025

Replacing GB/T 18518-2001

Cucumbers - Storage and refrigerated transport

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(English Translation)

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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 18518-2001 "Cucumber Storage and Cold Storage Transportation". Compared with GB/T 18518-2001, the main differences are in the structural design.

Aside from integration and editorial changes, the main technical changes are as follows.

---The requirements regarding grading have been changed (see 4.2, 3.3 of the 2001 edition);

---The requirements regarding size specifications have been changed (see 4.3, 3.4 in the 2001 edition);

---The requirements regarding packaging have been changed (see Chapter 5, 3.5 of the 2001 edition);

---The shelf life has been changed (see Chapter 6, Chapter 4 of the 2001 edition);

---Transportation requirements have been changed (see Chapter 7, Chapter 5 of the 2001 edition);

---The delivery operation has been removed (see Chapter 6 of the 2001 edition).

This document is modified to adopt ISO 7560:1995 "Cucumber storage and refrigerated transport".

This document has undergone the following structural adjustments compared to ISO

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7560:1995.

---A new Chapter 3, "Terminology and Definitions," has been added;

---Chapter 4 corresponds to Chapter 3 of ISO 7560:1995, where 4.1.1 corresponds to 3.1 in ISO 7560:1995, and 4.1.2 corresponds to...

Sections 3.2 and 4.2 of ISO 7560:1995 correspond to sections 3.3 and 4.3 of ISO 7560:1995, respectively;

---Chapter 5 corresponds to section 3.5 of Chapter 3 in ISO 7560:1995;

---Chapter 6 corresponds to Chapter 4 of ISO 7560:1995, where 6.1 corresponds to 4.1 and 6.2 corresponds to...

Sections 4.2 and 6.3 of ISO 7560:1995 correspond to sections 4.3 and 6.4 of ISO 7560:1995, respectively.

---Chapter 7 corresponds to Chapter 5 in ISO 7560:1995.

The technical differences between this document and ISO 7560:1995, and the reasons therefor, are as follows.

---The requirements regarding grading have been revised (see 4.2, 3.3 of ISO 7560:1995) to suit the specific circumstances of our country's products;

---The requirements regarding size specifications have been revised (see 4.3, 3.3 of ISO 7560:1995) to suit the needs of our country's products;

---The packaging requirements have been amended (see Chapter 5, 3.5 of ISO 7560:1995) to accommodate the different sizes and varieties of cucumbers in my country.

Require;

---The storage period has been changed (see Chapter 6, Chapter 4 of ISO 7560:1995) to meet the storage temperature requirements for cucumber varieties in my country;

---The transport requirements have been changed, and the requirements for rail transport with ice (see Chapter 7, Chapter 5 of ISO 7560:1995) have been removed to comply with...

In line with the current realities of cucumber refrigerated transportation;

---The delivery operation (see Chapter 6 of ISO 7560:1995) has been removed because the temperature requirements do not meet the actual storage conditions for cucumbers in my country.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the China General Chamber of Commerce.

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1 Scope

This document specifies the requirements for cucumber harvesting and grading, packaging, storage, and refrigerated transportation.

This document applies to the storage and refrigerated transport of cucumbers.

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.

NY/T 1587-2008 Cucumber Grade Specifications SB/T 10572-2010 Cucumber Circulation Standard

3 Terms and Definitions

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

4.1.1 Harvesting Method

Cucumbers should be handled gently during harvesting to avoid mechanical damage. Harvest within the appropriate growing season.

4.1.2 Harvesting Quality Requirements

Cucumbers should meet the quality requirements specified in the relevant product standards.

---Complete and intact;

---No visible impurities;

---Looks fresh;

---Firm and without any abnormal water droplets on the surface;

---The cucumber seeds are tender and undeveloped;

---Cucumbers should not be wrinkled or wilted, and should not be overripe pale yellow or yellow.

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4.2 Classification

It should comply with the provisions of 3.1 in NY/T 1587-2008.

4.3 Specifications and Size

It should comply with the provisions of 3.2 in NY/T 1587-2008.

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