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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 18247.6-2026

Replacing GB/T 18247.6-2000

Product grade for major ornamental plants - Part 6: Flower bulbs

主要花卉产品等级 第6部分:花卉种球

(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 is Part 6 of GB/T 18247 "Grades of Major Floral Products". GB/T 18247 has already published the following parts.

---Part 1: Cut Flowers;

---Part 2: Potted Plants;

---Part 3: Potted Foliage Plants;

---Part 4: Flower Seeds;

---Part 5: Flower Seedlings;

---Part 6: Flower Bulbs;

---Part 7: Lawn.

This document replaces GB/T 18247.6-2000 "Main Flower Products Grades Part 6: Flower Bulbs", and is consistent with GB/T 18247.6-Compared to 2000, aside from structural adjustments and editorial changes, the main technical changes are as follows.

a) Added basic requirements for bulb classification and quality (see Table 1);

b) The quality grades for major bulb varieties have been added (see Table 2);

c) The quality grades for major bulb varieties have been added (see Table 3);

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d) The quality grades for major tuber varieties have been added (see Table 4);

e) The quality grades for major tuberous bulbs have been added (see Table 5);

f) The quality grades for major rhizome bulbs have been added (see Table 6);

h) 26 new bulb quality grading indicators for different flower species have been added (see Tables 2-6);

i) The quality grade levels and corresponding specifications have been changed (see Tables 2-6, Table 1 in the 2000 edition);

j) The detection method was changed (see Chapter 5, Chapter 4 of the 2000 edition);

k) Added inspection rules (see Chapter 6).

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 by the National Forestry and Grassland Administration.

This document is under the jurisdiction of the National Technical Committee on Standardization of Flowers (SAC/TC282).

Introduction

Floral products, as commodities that can significantly improve people's sense of well-being, possess significant economic value. Floral products encompass a wide variety of categories.

The product range is diverse, including cut flowers, potted plants, seedlings, and other product types. Only by specifying the corresponding technical rules for each product type can the desired results be achieved.

The purpose is to scientifically and efficiently grade flower products. Therefore, GB/T 18247 "Grading of Major Flower Products" is proposed based on the type of flower product.

---Part 1: Cut Flowers;

---Part 2: Potted Plants;

---Part 3: Potted Foliage Plants;

---Part 4: Flower Seeds;

---Part 5: Flower Seedlings;

---Part 6: Flower Bulbs;

---Part 7: Lawn.

Since its implementation, GB/T 18247.6-2000 has promoted the improvement of the quality

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of flower bulb products in my country and established standards for the flower bulb industry.

This standard is of great significance for modernization and rapid development. However, it has been in place for over twenty years, exhibiting significant time lag and limitations, and requires continuous adaptation.

New changes in relevant domestic and international standards have led to revisions to meet the evolving requirements of the flower industry.

Main flower product grades Part 6: Flower Bulbs

1 Scope

This document specifies the quality grading and inspection rules for major bulbous flower bulbs and describes the corresponding testing methods.

This document applies to the quality assessment and grading of bulbs in flower production and trade.

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 1656.7 Technical Specifications for Flower Inspection Part 7: Bulb Inspection

3 Terms and Definitions

The following terms and definitions apply to this document.

bulbous flowers

Herbaceous flowers with an individual lifespan of more than two years, capable of flowering and fruiting multiple times, and with abnormally enlarged underground organs.

[Source. LY/T 3366-2024, 4.15] 3.2 Bulbs Propagation material for bulbous flower production, formed by the metamorphic swelling of the underground part of the plant, storing a large amount of nutrients.

Note: It is divided into five types. bulb, corm, tuber, root tuber, and rhizome.

bulb

A modified underground stem, an underground storage organ consisting of a disc-shaped

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short, thick stem, fleshy scales, buds, and leaf bases, covered by an outer membrane or absent.

[Source. LY/T 3366-2024, 3.34] 3.4 bulb corm the modified underground stem is a solid, spherical underground storage organ formed by the swelling of the stem, often covered by an outer membrane.

[Source. LY/T 3366-2024, 3.37] tuber the modified underground stem is an irregularly shaped, solid, underground storage organ formed by the swelling of the stem.

[Source. LY/T 3366-2024, 3.38]

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