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

GB 6142-2025

Replacing GB 6142-2008

Quality grading of gramineous seed

禾本科草种子质量分级

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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 6142-2008 "Grading of Gramineae Seeds". Compared with GB 6142-2008, the only changes are structural adjustments and editing. Aside from the sexual alterations, the main technical changes are as follows:

- a) The "moisture" index value has been changed to 13% (see Table 1, 2008 version);
- b) The following have been added. "Hybrid Ice Grass", "Hunan Barnyard Grass", "Short-awned Wheatgrass", "Chinese Sheep Festuca", "Leymus chinensis", "Swallowtail Millet", and "Sea Paspalum (Seashore Paspalum)". Grading indicators for the quality of "Cold-climate Kentucky Bluegrass" and "Sorghum" grass seeds (see serial numbers 2, 20, 21, 33, 39, 44, 49, 53 and... in Table 1). 65);
- c) The grass species "Feathergrass" has been removed (see Table 1 in the 2008 edition);
- d) The purity index values for "corn" have been changed (see Table 1, 2008 edition of Table 1);
- e) The following terms have been changed. *Isodon serrata*, ...Alopecurus aequalis*, *Oat*, *Bryophytum comosum*, *Bryophytum purpureus*, *Ferula orientalis*, and *Barnyardgrass*. "Leymus chinensis", "Wilting Leymus chinensis", "Old Wheatgrass", "Long-spiked Wheatgrass", "Curved-leaved Thrush", "False Fructus", "Purple Festuca", "Wool Grass", "Cloth Grass" Barley grass, short-awned barley grass, barley, sheep grass, fescue ryegrass, multiflora ryegrass, perennial ryegrass, and hairy birdgrass. "Barnyardgrass", "Bahia grass", "Silky Paspalum", "Broadleaf Paspalum", "Pearl Millet", "Gnaphalium", "Cat's Tail Grass", "Kenchai Grass", "Common Kentucky Bluegrass", "New Wheatgrass", Korean Alkali Grass, Alkali Grass, Star Grass, Qinghai Goosegrass, Awnless Goosegrass, Rye, Millet, Sorghum, Sudan Grass Germination rate values for "Stipa kryptonite", "Triticale", and "Zoysia japonica" (see Table 1, 2008 edition);
- f) The following terms have been changed. "ice grass", "desert ice grass", "sand reed",

"giant creeping bentgrass", "prostrate creeping bentgrass", "large wheatgrass", "yellow flower grass", and "oat grass". Oats, carpet grass, flat-spike brome, awnless brome, buffalo grass, African tiger tail grass, tiger tail grass, bermudagrass, orchardgrass, barnyard grass "Leymus chinensis", "Wilting Leymus chinensis", "Old Wheatgrass", "Long-spiked Wheatgrass", "Curved-leaved Thrush", "False Fructus", "Sorghum", "Reed Fescue" "Festuca", "Meadow Festuca", "Purple Festuca", "Fluorescent Grass", "Barley", "Sheep Grass", "Festuca Ryegrass", "Floral Ryegrass", "Perennial Rye" "Grass", "Hairygrass", "Silky Grass", "Broadleaf Grass", "Gnaphalium", "Corydalis", "Corydalis", "Kenyan Grass", "Common Kentucky Bluegrass" "New Wheatgrass", "Korean Alkali Grass", "Alkali Grass", "Star Grass", "Qinghai Goosegrass", "Angelless Goosegrass", "Rye", "African Foxtail Grass", "High Dan" See Table 1 for the seed count index values of other plants including "grass", "Sudan grass", "Stipa krypton", "triticale", "maize", and "zoysia grass" (2008). Table 1 of the version);

g) The seed value index values for the corresponding grass species in

e) have been changed (see Table 1, Table 1 in the.2008 edition); The Chinese names of *Paspalum distichum* (see Table 1,.2008 edition);

i) Added "samples" (see Chapter 5);

j) The "Test Methods" have been changed (see Chapter 6,

4.2 of the.2008 edition). 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 Ministry of Agriculture and Rural Affairs of the People's Republic of China. The release history of this document and the document it replaces is as follows:

---First published as GB 6142-1985 in 1985, and revised for the first time in.2008;

1 Scope

GB 6142-2025 is the Chinese national standard on quality grading of gramineous seed, in the field of agriculture. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 31 December 2025 by the State Administration for Market Regulation; Standardization Administration of China, and takes effect on 1 January 2027. Classification: ICS 65.020.01, CCS CCS B 21. 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 technical requirements and grading indicators for the quality

grading of grass seeds. This document applies to the quality assessment of grass seeds produced, sold, and used. It can be used as a reference for similar plant species and varieties in the same genus.

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 2930.1 Sampling Procedure for Grass Seed Testing

GB/T 2930.2 Inspection Procedures for Grass Seeds - Purity Analysis

GB/T 2930.3 Inspection Procedures for Grass Seeds - Determination of Seed Count for Other Plants

GB/T 2930.4 Germination Test Procedure for Grass Seeds

GB/T 2930.8 Inspection Procedures for Grass Seeds - Determination of Moisture Content

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Seed value (pureliveseedvalue); PLS The percentage of seeds that have seed value.

4. Technical Requirements The quality requirements for grass seeds should meet the requirements in Table 1. Table

1	Quality Requirements for Gramineae Seeds	Serial Number	Chinese Name	Academic Name	Level	Clarity	% germination Rate	% seed Cost	% Number of other plant seeds / (particles/kg)	Moisture/%	Ice grass (Flat-spike ice plant)	Agropyroncristatum	95.0	90.0
85.5.2000	290.0	85.0	76.5	5000	3	85.0	80.0	68.0	10000	13.0				