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

GB/T 2930.10-2017

**Rules of seed testing for forage, turfgrass and other
herbaceous plant -- Testing coated seeds**

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Administration of the People's Republic of China**

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2001 compared to the main technical changes other than editorial changes are as follows.

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Foreword

GB/T 2930 "grass seed inspection procedures" is divided into 11 parts.

- GB/T 2930.1 Grass seed testing procedures sample;
- GB/T 2930.2 Grass seed testing procedures Clarity analysis;
- GB/T 2930.3 grass seeds test procedures Determination of other plant seeds;
- GB/T 2930.4 grass seed testing procedures sprout test;
- GB/T 2930.5 grass seed testing procedures biochemical (tetrazolium) determination of viability;
- GB/T 2930.6 grass seed testing procedures health determination;
- GB/T 2930.7 Grass seed testing procedures Species and species determination;
- GB/T 2930.8 grass seed testing procedures moisture determination;
- GB/T 2930.9 grass seed testing procedures weight determination;
- GB/T 2930.10 grass seeds inspection procedures Determination of coated seeds;
- GB/T 2930.11 grass seed inspection procedures inspection report.

This section GB/T 2930 Part 10.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This Part replaces GB/T 2930.10-2001 "Forage Seeds Inspection Procedures Determination of coated seeds." This section and GB/T 2930.10-

2001 compared to the main technical changes other than editorial changes are as follows.

--- The standard name from the "forage seed test procedures Determination of coated seeds" was renamed the "grass seed test procedures Determination of coated seeds"

(See cover,.2001 edition cover);

--- In the "Preface", an increase of drafting rules based on the standard preparation (see the foreword);

--- Removed "ISTA Preface" (see the.2001 edition of the ISTA Preface);

--- In the "scope", an increase of "ecological grass, ornamental grasses and medicinal plants" (see Chapter 1);

--- In "Normative references", an increase of "rounding rules and limit numerical expressions and judgments" (see Chapter 2);

--- Removed the "test purpose" (see the.2001 version of Chapter 3);

--- In "Terms and definitions", the definition of "treating seeds" has been changed (see 3.6) and the.2001 version of 4.6; "net pills" have not been added

Definitions of "pelleted seeds" "impurities" and "other plant seeds" (see 3.7, 3.8, 3.9 and 3.10);

--- Increased the test items on the "appliance" specific provisions (see Chapter 4);

--- In the "sample program", modified "the size of the seed batch" (see 5.1.1,.2001 version 5.2); added "the amount of sample" (see

5.1.2);

--- In the Clarity Analysis, the words "purpose", "definition of pelleted seeds" and "apparatus" are deleted (see the.2001 version of 6.1, 6.2 and 6.4);

Revised "Principles" and "identification of species" (see 5.2.1 and 5.2.2,.2001 and 6.3 and 6.5); added "

Determination of clarity of peeled seeds "(see 5.2.3.3);

--- In the "Other Plant Seeds Determination", the words "purpose", "definition" and "appliance" are deleted (see.2001, paragraphs 7.1, 7.2 and 7.4);

--- In the "germination test", delete the "purpose" "definition" and "instrument" (see the.2001 version of 8.1, 8.2 and 8.5); modified the "original

The "identification" "composite grain seed structure" in "Materials" and "Testing Procedures" (see 5.4.1.5.5.2.4.3.4,.2001 edition 8.3,

8.4, 8.6.5 and 8.6.6);

--- In the "pellet seed weight determination and size grading procedures", delete the

"purpose" and "apparatus" (see the 2001 version of the 9.1 and 9.2); Added "Principles" (see 5.5.1).

This section uses the redrafted law to amend the use of International Seed Testing Association (International Seed Testing Association, IS-

TA) Chapter 11 of the International Seeds Inspection Code, Determination of Coated Seeds (2012 Edition).

This section and the ISTA "International Seeds Inspection Regulations Chapter 11. Determination of coated seeds" (2012 Edition) compared to the structure of more tune

In whole, appendix A lists this section with the ISTA "International Seed Testing Regulations Chapter 11. Determination of coated seeds (2012 version) of the Chapter

Control list (see Table A.1).

This section and the ISTA "International Seeds Inspection Regulations Chapter 11. Determination of coated seeds" (2012 version) there are technical differences,

The terms of these differences have been marked by a vertical single line (|) at the margin of the outer margin, given in Appendix B

Technical differences and a list of the reasons (see Table B.1).

This part is proposed by the Ministry of Agriculture of the People's Republic of China.

This part of the animal husbandry by the National Standardization Technical Committee (SAC/TC274) centralized.

This part of the drafting unit. Lanzhou University grassland agroecosystem State Key Laboratory of Ministry of Agriculture grass and turf grass seed quality supervision

Inspection and Testing Center (Lanzhou).

1 Scope

GB/T 2930 provisions of this part of the coated or otherwise processed seed inspection content and procedures and methods.

This section applies to grass, lawn grass, forage crops, ecological grass, ornamental grasses and medicinal plants and other seed quality inspection of coated seeds

Determination.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2930.1 grass seed test procedures sample

GB/T 2930.2 grass seed testing procedures clarity analysis

GB/T 2930.3 Grass seeds test procedures Determination of other plant seeds

GB/T 2930.4 grass seed testing procedures germination test

Grass seeds test code GB/T 2930.9 Determination of weight

GB/T 8170 rounded repair rules and limit values of the representation and judgment

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Pellet seed seedpelets

With the pelleting material (which may contain pesticides, dyes or other additives) will be processed into the size of the seed, no significant difference in the shape of a single spherule

Seed unit.

3.2

Encapsulated seeds encrustedseed

Seeds are processed into seeds similar to the original seed shape with the film-forming material (which may contain pesticides, bactericides, dyes or other additives)

unit.

3.3

Seed grains seedgranules

Seeds are processed into seed-like seeds that are cylindrical by using a granulated material (which may contain pesticides, dyes or other additives). form

The seed particles can contain more than one seed.

3.4

Seeds with seedtapes

Seeds are randomly shredded or singly arranged in strips of paper or other degradable material.