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

GB/T 2930.9-2017

Replacing GB/T 2930.9-2001

**Rules of seed testing for forage, turfgrass and other
herbaceous plant -- Weight determination**

Issued on: November 1, 2017

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Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

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2001 edition of the cover);

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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 9.

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

This Part replaces GB/T 2930.9-2001 "grass seed testing procedures weight determination." This section GB/T 2930.9-2001

In addition, editorial changes in addition to the main technical changes are as follows.

--- Will be the standard name from the "grass seed testing procedures weight determination" was renamed "grass seed inspection procedures weight determination" (see the cover,

2001 edition of the 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 "range" added "ecological grass, ornamental plants and medicinal plants" (see Chapter 1);

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

--- In the "test procedures", amended the "test sample distribution" requirement (see 4.1, 2001 edition of 5.1);

--- In the "calculation and presentation of results", an increase of reporting requirements for inspection methods (see Chapter 5).

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

ISTA) Chapter 10. Gravimetric Determination (2012 Edition) of the International Seeds Inspection Code.

This section and the ISTA "International Seeds Inspection Regulations Chapter 10. Gravimetric Determination" (2012 version) compared to the structural adjustment,

Appendix A lists this section with the ISTA "International Seeds Inspection Regulations Chapter 10. Gravimetric Determination" (2012 version) Chapter one

Schedule (see Table A.1).

This section is technically different from the ISTA International Seeds Inspection Procedures Chapter 10 Gravimetric (2012 Edition), these

The terms of the difference have been identified by the vertical single line (|) at the margin of the outer margin, and the corresponding technique is given in Appendix B

Sex differences and their causes list (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), Ministry of Agriculture Grass and Grass Grass Seed Quality Supervision and Testing Center (Beijing).

1 Scope

GB/T 2930 provisions of this part of the seed weight determination procedures and methods.

This section applies to grazing, turfgrass, forage crops, ecological grass, ornamental grasses and medicinal plants and other seed weight test weight 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 2930.2 grass seed testing procedures clarity analysis

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

3 appliances

The necessary equipment for gravimetric determination is included.

- a) several kinds of boards or vacuum type device;
- b) A balance of 0.001g or 0.0001g.

4.1 Test sample separation

The net net analysis after the net seed or send the sample part of the net seed as a test sample. The test sample should avoid the seeds as much as possible

Water changes, before the test should be placed in moisture-resistant containers for storage. Net seed access according to the provisions of GB/T 2930.2 implementation.

4.2.1 Several kinds of mechanical methods

The entire test sample is passed through a multiplier to read the number of seeds shown on the counter. After counting the test sample was weighed in grams (g) for unit.

4.2.2 counting repeat method

Random number from the test sample to take eight repeats, 100 seeds per replicate, were weighed, in grams (g) as a unit.

5 results calculated and said

Test samples should be weighed in grams (g), accurate to the number of decimal places specified in Table 1.