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

GB/T 2930.1-2017

Replacing GB/T 2930.1-2001

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

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Administration of the People's Republic of China**

Table of Contents

Foreword

2001 edition of Appendix A);

1 Scope

2 Normative references

3 Terms and definitions

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 1.

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

This Part replaces GB/T 2930.1-2001 "grass seed testing procedures sample." This section and GB/T 2930.1-2001 phase

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

- The standard name from the "grass seed testing procedures" was changed to "grass seed testing procedures sample" (see cover,.2001

Version of the cover);

--- In the "Preface", the drafting rules (see the preamble) on which the standard compilation is based have been added; statements of the nature of the appendix have been deleted (see.2001

Version of the preamble);

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

--- Increasing the scope of the "ecological grass, ornamental plants and medicinal plants" (see Chapter 1);

--- Deleted the "target" (see.2001 version of Chapter 3);

--- Added some terms and definitions (see 3.6, 3.9 and 3.10);

--- In the original "Table 1 seed sub-maximum weight and minimum weight of the sample" basis, an increase of 119 grass species; depending on the use of the original

Table 1 is divided into two tables. Ie "Table 1 Maximum weight of grass, lawn grass, forage crops and grass seeds, and minimum weight of sample

Quantity "and" Table 2 Maximum weight of sample and ornamental grass and medicinal plant seeds batch minimum weight "(see 5.2, Tables 1 and 2,.2001

Version 6.2.1);

--- Removed the "Other Instructions" (see 6.4.5 of the.2001 version) and moved the text into the text (see 5.4.2.3 and 5.4.2.4);

--- Removed the "post-test" sample preservation (see.2001 version 8.2), the contents of the body (see 5.9);

--- Removed "Appendix A multi-container seed batch heterogeneity determination" (see.2001 edition of Appendix A), the relevant content into the text (see

Chapter 8);

--- Added "Table 5 Extra variation coefficient (f) of seed lots used to calculate W and H values" (see 8.3.1 and Table 5);

--- Modify the "Table A1 number of containers and the critical cutoff H value (1% probability)", the table is changed to Table 6 (see 8.3.1 and Table 6,

2001 edition of Appendix A);

--- Modify the heterogeneity H value of the formula (see 8.3.1 and 8.3.2,.2001 edition of Appendix A);

--- Increasing the heterogeneity R value formula, while increasing the heterogeneity of the

R value of the critical value (see 8.4 and Table 7 ~ Table 12).

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

ISTA) "International Seed Testing Protocol Chapter 2. Specimen Collection" (2012 edition).

This section and the ISTA "International Seed Inspection Protocol Chapter 2. Shaobing" (2012 Edition) compared to the structure of more adjustments, Appendix A

A list of the controls in this section in conjunction with the ISTA Chapter II. Seed Sample (2012 Edition) of the ISTA (see Table A.1) is listed.

This section and the ISTA "International Seed Inspection Protocol Chapter 2. Desampling" (2012 version) there are technical differences, these differences

And the terms have been marked by the vertical single line (|) at the margin of the outer margin, the corresponding technical differences are given in Appendix B

And its list of 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), Ministry of Agriculture grass and turf grasses Quality Supervision, Inspection and Testing Center (Beijing), the National Grass Product Quality Supervision and Inspection

Test Center, Gansu Agricultural University College of Forestry.

1 Scope

GB/T 2930 provisions of this part of the seed batch sampling procedures and methods, laboratory sample preparation procedures and methods and the preservation of the sample Claim.

This section applies to grass, turfgrass, forage crops, ecological grass, ornamental grasses and medicinal plants and other seed quality test sample.

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 2930.4 grass seed testing procedures germination test

GB/T 2930.7 grass seed testing procedures and species identification

GB/T 2930.8 grass seeds - Determination of moisture content

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Sampling sampling

From a large number of seeds, random weight obtained an appropriate, representative sentinel samples.

3.2

Seed lot seedlot

Seed (species), origin, growth period and harvest the same time and the quality is basically the same, within the specified weight of the bulk seeds.

3.3

First sample primarysample

A small portion of the seed taken from any point in the seed lot.

3.4

Mix the sample compositesample

A sample of all the first samples taken by the seed batch.

3.5

Sub-sample

According to the test samples and test samples prescribed any one of the sub-sample method, the sample is reduced to obtain part of the sample.

3.6

Submitsample

The sample sent to the inspection agency may be the entire mixed sample or its sub-sample (see Table 1 and Table 2 for weights). The test sample can be