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

GB/T 21138-2019

Replacing GB/T 25240-2010; GB/T 21138-2007

Tobacco seeds

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GB/T 21138-2007 "Tobacco Seeds" and GB/T 25240-2010 "Tobacco Coated Pill Seeds". versus

Compared with GB/T 25240-2010, GB/T 21138-2007, the main technical changes are as follows.

--- Revised the terms and definitions of improved varieties (see 3.4, 3.4 of GB/T 21138-2007);

--- Increase the terminology and definition of conventional seeds, hybrid seeds, and male sterile lines (see 3.5, 3.6, 3.7);

--- Increased the terminology and definition of compressive strength compliance, and removed the term and definition of single compressive strength (see 3.15);

--- Increased particle size compliance terms and definitions, removed particle size, uniformity terms and definitions (see 3.16);

--- Revised the quality requirements of tobacco seeds (see 4.1 and 4.2, Chapter 5 of GB/T 21138-2007 and GB/T 25240-

4.2 of.2010);

--- Increased operational procedures for seed quality testing (see 5.1);

- Revised the minimum sample size for tobacco pelletized seeds (see 5.2.1, 6.1 of GB/T 25240-2010);
 - Increased provisions for sample storage conditions (see 5.2.3);
 - Revised the regulations for the quantity of purity inspection plants (see 5.3, Chapter 6 of GB/T 21138-2007);
 - Revised the method for testing the purity of tobacco seeds, increasing the accuracy of the results retention, the tolerance of the clarity test, and the re-inspection (see 5.4, Chapter 6 of GB/T 21138-2007);
 - Revised the germination test method for tobacco seeds, increasing the accuracy of the results retention, tolerance, re-inspection (see 5.5, Chapter 6 of GB/T 21138-2007);
 - Increased the retention accuracy, tolerance, and re-inspection of water content test results (see 5.6.3);
 - Revised the compliance test of the compressive strength of the pelletized seeds (see 5.9, 5.5 of GB/T 25240-2010);
 - Revised the particle size compliance test of the pill seed (see 5.8, 5.6, 5.7 of GB/T 25240-2010);
 - Increased sample seed quality evaluation standards, revised the report of tobacco naked seed and tobacco pelletized seed test results (see 5.10)
- And Appendix A, Appendix A of GB/T 25240-2010;
- Added provisions for the revision of the test results (see 5.11);
 - Modified packaging and labeling (see Chapter 6, Chapter 7 of GB/T 21138-2007 and Chapter 7 of GB/T 25240-2010).

This standard was proposed by the State Tobacco Monopoly Bureau.

This standard is under the jurisdiction of the National Tobacco Standardization Technical Committee (SAC/TC144).

This standard was drafted. Yunnan Tobacco Agricultural Science Research Institute, Yuxi Zhongyan Seed Co., Ltd., Chinese Academy of Agricultural Sciences

Research Institute, China Tobacco Company, China National Tobacco Corporation Yunnan Provincial Company.

1 Scope

This standard specifies the quality requirements for tobacco seeds, seed quality inspection,

packaging and labeling, seed storage and transportation requirements.

This standard applies to the production and processing, storage, transportation and sale of tobacco naked seeds and pelletized seeds.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

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

GB/T 3543.2 Crop seed inspection procedures

GB/T 3543.3 Clarity analysis of crop seed inspection regulations

GB/T 3543.4 Crop seed test procedures Germination test

GB/T 3543.6 Crop seed test procedures for moisture determination

GB/T 8170 Numerical Rounding Rules and Representation and Determination of Limit Values

3 Terms and definitions

The following terms and definitions apply to this document.

3.1

Tobacco naked species rawseedsoftobacco

Tobacco seeds that have not been coated or pelletized.

3.2

Tobacco pelletized seedededededsoftobacco

The pelletized tobacco seed formed after processing is coated with a seed coating agent.

Note. Tobacco leaf production is customarily called tobacco coated seeds.

3.3

Original foundationseeds

The first generation to be propagated from the original stock or the tobacco seed produced to the specified quality requirements according to the specific production technical regulations.

3.4

Daejeon used qualified seeds

The first generation to be propagated with the original or hybrid parents to meet the specified quality requirements for the production of tobacco leaves.

3.5

Conventional seeds qualified seeds of self-pollinated varieties

Seeds produced by self-crossing.

3.6

Hybrid seed qualified seeds of hybrid varieties

Seeds produced by sexual crosses between different parents.

3.7

Male sterile line seeds qualified seeds of male sterile line

The male sterile line maternal and the homozygous fertility maintain the seed produced by sexual cross-breeding.

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National Standards of People's Republic of China

Replace GB/T 21138-2007, GB/T 25240-2010

Tobacco seed

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