

ICS 65.020.20

CCS B61



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

GB 19173-2010

Replacing GB 19173-2003

Seed and sapling of mulberry

桑树种子和苗木

Issued on: January 14, 2011

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

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Foreword

All the technical contents of this standard is mandatory. This standard replaces GB 19173-2003 "mulberry seeds and seedlings." This standard compared with GB 19173-2003, the main changes are as follows:

- Revised terms and definitions;
- Modify the quality requirements of mulberry seeds;
- Modified seedlings, hybrid seedlings, grafted seedlings, cuttings and the level of quality requirements;
- Revised inspection rules;
- Removed appendix. The standard proposed by the People's Republic of China Ministry of Agriculture. This standard by the National Standardization Technical Committee crop seeds. This standard was drafted. Sericulture Research Institute, Chinese Academy of Agricultural Sciences, the Ministry of Agriculture sericulture industry Product Quality Supervision and Testing Center (Town Jiang), Zhejiang Agriculture Department Authority crops, sericulture and the Institute of Agro Guangdong Academy of Agricultural Sciences, Guangdong Province, sericulture product testing Center, Jiangsu Province Forestry Department of sericulture production management office. The main drafters of this standard. a Pan Yue, Li Yi-jen, Liu Li, Cheng Ka Ling, Wu Fuan, Zhou Qin, Xiao rehabilitation, I love the group, Hu. This standard replaces the standards previously issued as follows:
- GB 19173-2003. Mulberry seeds and seedlings

1 Scope

GB 19173-2010 is the Chinese national standard on seed and sapling of mulberry, 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 14 January 2011 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 January 2012.

Classification: ICS 65.020.20, CCS B61. 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 standard specifies the terms and definitions mulberry (*Morus* L.) Seeds and seedlings, the quality requirements, test methods, inspection rules and packaging, Labeling and shipping requirements. This standard applies to the territory of People's Republic of China the production and sale of mulberry seedling species, hybrids, seedlings, hybrid seedlings, grafted seedlings and stick Schneideriana.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 19177 mulberry seeds and seedlings inspection procedures

GB 20464 General labeling of agricultural seeds

3 Terms and Definitions

The following terms and definitions apply to this standard.

- 3.1 Seedling species commonmulberryseed Mulberry naturally pollinated seeds produced.
- 3.2 Hybrids hybridmulberryseed By artificially formulated superior combinations of seed production.
- 3.3 Seedlings commonmulberryseedling With direct seedling species breeding seedlings.
- 3.4 Hybrid seedlings hybridmulberryseedling Hybrids with direct breeding seedlings.
- 3.5 Grafted graftedmulberrysapling Using grafting breeding seedlings.
- 3.6 Cutting seedlings cuttingmulberrysapling Using cuttings breeding seedlings.

4 Quality requirements

- 4.1 Seed Mulberry seeds shall meet the minimum requirements of Table 1. Table 1 %

Seeds category Varietal purity not lower than Clarity (pure seeds) not lower than
Germination rate not lower than Water not higher than Seedling species - 95.0 80

6 Inspection rules

6.1 Sampling Mulberry seed testing should be in batches, according to the proportion of the total weight of 0.2% random for sampling; mulberry seedlings lifter after inspection carried out according to Table

12.0 Hybrid 95.0 98.0 85 12.0

4.2 seedlings Mulberry seedling quality shall meet the minimum requirements 2. Table

2 Seedlings category Miao diameter/mm not lower than Varietal purity /% not lower than
Root Appearance Seedlings 3.5 - complete root, root length not less than 100.0mm fresh
seedlings, seedling dry full, plump bud mulberry Hybrid seedlings 2.5

95.0 complete root, root length not less than 100.0mm fresh seedlings, seedling dry full,
plump bud mulberry Grafted seedlings, cuttings root seedlings 5.0

98.0 more complete, root length not less than 150.0mm fresh seedlings, seedling dry full,
plump bud mulberry

Executive GB/T 19177 requirements, including hybrid varieties of seedlings growing season
in the purity test of hybrid seedlings, grafted seedlings, cuttings seedling products Seed
purity test after the lifter or the growing season.