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

GB/T 15162-2018

Replacing GB/T 15162-2005

Technical regulation for afforestation by aerial sowing

飞播造林技术规程

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1 Scope

GB/T 15162-2018 is the Chinese national standard on technical regulation for afforestation by aerial sowing, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 28 December 2018 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 28 December 2018. Classification: ICS 65.020.40, CCS B64. 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 stipulates the conditions for the broadcast of afforestation, the selection conditions of the planting area, the selection of trees (grass) and the seeds, the design of the operation, the construction of the broadcast, and the effectiveness of the adjustment. Check and file management and other technical content and requirements. This standard applies to aerial seeding and planting grass.

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 2772 forest seed inspection procedures
- GB 7908 forest tree seed quality classification
- GB/T 8822.1~8822.13 China Forest Seed Area
- GB/T 10016 forest seed storage

GB/T 15163 Fengshan (sand) afforestation technical regulations

GB/T 15776-2016 Technical Instructions for Afforestation

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Flying afforestation afforestationbyaerialsowing According to the natural succession law of vegetation, based on the theory of natural undergrowth, combined with the ecological and biological characteristics of plant species, it simulates natural In the next case, the forest seed is planted on the afforestation site, and the integrated afforestation such as aerial sowing, enclosure, replanting or re-broadcasting, management and protection, etc. Industrialization measures are integrated into afforestation technology processes for the purpose of restoring, improving and expanding surface vegetation.

3.2 Broadcasting area aerialsowingcompartment A unit that is integrated into a single unit and designed for aerial sowing.

Note. The broadcast area includes a suitable broadcast area and a non-suitable broadcast area.

3.3 Small group aerialsowinggroup A number of relatively concentrated, non-connected, and can be implemented in the series of broadcast plots.

3.4 Suitable for playingsuits It is suitable for various types of land for aerial seeding.

Note. Suitable areas include Yilin barren hills and wasteland, Yilinsa wasteland, sparse forest land, shrub land, low-quality and low-efficiency forest land, shrub land and other suitable land for aerial sowing.

3.5 Aeronautical navigationheight The height of the aircraft from the ground during aerial operations.

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12 Appendix A (informative appendix) Technical parameters of main aircraft models for aerial sowing afforestation

13 Appendix B (informative appendix) Flight Broadcasting Planting Area Survey Statistics Table

14 Appendix C (informative appendix) Main airborne afforestation tree (grass) species suitable for broadcasting areas

15 Appendix D (informative appendix) The main seeding capacity of afforestation trees (grass)

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 15162-2005 "Technical Regulations for Aerial Seeding Afforestation". This standard is compared with GB/T 15162-2005, the main technology The changes are as follows:

- Revised the scope (see Chapter 1, Chapter 1 of the.2005 edition), and removed the contents of the forest;
- Revised terms and definitions (see Chapter 3, Chapter 3 of the.2005 edition);
- Revised the general provisions, and unified the general provisions, the airborne broadcast area, and the broadcast area selection into three general rules (see Chapter 4, Chapters 4, 5, and 6 of the.2005 edition);
- Modified the fly sowing seed (see Chapter 6, Chapter 8 of the.2005 edition) and added seed treatment (6.4);
- Removed the aircast plan (see 9.1 of the.2005 edition);
- Modified the broadcast design (see Chapter 7, Chapter 9 of the.2005 edition), supplemented the seed purchase fee and sand barrier settings in the investment budget. Fees, meteorological service fees, communication equipment fees, etc. (see 7.12, version
- Modified the airborne construction (see Chapter 8, Chapter 10 of the.2005 edition);
- Revised the effectiveness of the aerial seeding afforestation (see Chapter 9, Chapter 11 of the.2005 edition);