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

GB/T 47146-2026

**Statistical method for the penetration rate of standardized
agricultural production**

农业标准化生产普及率统计方法

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Agricultural Basic and General Standardization Working Group (SAC/SWG38). The main drafting units of this document are: China National Institute of Standardization, Agricultural Product Quality and Safety Center of the Ministry of Agriculture and Rural Affairs, and Chinese Academy of Forestry. Research Institute of Wood Industry, China Agricultural University, Zhejiang Provincial Academy of Quality Sciences. The main drafters of this document are: Xi Xingjun, Wang Weimin, Wan Liangjun, Meng Lingling, Yan Yanhua, Li Qiuyue, Tang Zhaoqun, Yao Hanjun, and Ying Shanting. Guo Jiawei. Statistical methods for the popularization rate of standardized agricultural production

1 Scope

GB/T 47146-2026 is the Chinese national standard covering measuring how much of a region's farming actually follows the standards written for it - the sampling of holdings, what counts as compliant production, and the calculation of the rate. First edition. It was issued on 28 January 2026 and has been in force since 1 August 2026, as a first edition. The document is under the responsibility of the Standardization Administration of China. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document defines the relevant terms and definitions for the adoption rate of standardized agricultural production and establishes a statistical method for the adoption rate of standardized agricultural production. method. This document applies to the calculation of the standardization rate of primary agricultural production, including crop farming, forestry, animal husbandry, and fisheries, in a specific year. Or for evaluation. This can be used as a statistical reference for the standardization rate of production adoption

within provincial-level administrative regions.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 To achieve optimal efficiency or order, agricultural production entities of a certain scale must adhere to standards throughout the agricultural production process from production site to harvest. The process and results of organizing and carrying out major or key planting and breeding activities and achieving expected goals such as improved yield, quality and efficiency.

Note. Major or key planting and breeding activities mainly include those related to the production environment, seeds and livestock seedlings, agricultural chemical inputs, planting and breeding methods, and agricultural product quality. Safety and related activities.

3.2 The percentage of standardized agricultural production within a certain period and scope relative to the total scale of agricultural production within the corresponding period and scope.

Note. The rate of adoption of standardized agricultural production indicates the degree and level of standardization in the production of primary agricultural products.

3.3 The ratio of the area of mechanized farming and harvesting of major crops to the area of sown major crops.

Note. The comprehensive mechanization rate of planting and harvesting major crops such as wheat, rice, corn, soybeans, rapeseed, potatoes, peanuts, and cotton is calculated based on the mechanization of tillage, sowing, and harvesting. The sum of the three task levels is obtained by weighting them in a

3.4 The proportion of livestock and poultry slaughtered or kept in a certain region that are above a certain scale to the total number of livestock and poultry slaughtered or kept in the region.

Note. The proportion of large-scale pig farming is calculated based on the percentage of pigs slaughtered annually from farms with an output of 500 or more; the proportion of large-scale egg-laying hen farming is calculated based on... The proportion of broiler chickens raised at scale with more than 2,000 birds at the end of the period is calculated as the percentage of the total number of birds raised; the proportion of large-scale broiler chicken farming is calculated based on an annual output of more than 10,000 birds. The

proportion of dairy cows raised by large-scale farms is calculated as the percentage of cows slaughtered from the total number of cows slaughtered; the proportion of dairy cows raised by large-scale farms is calculated as the percentage of cows raised by large-scale farms with more than 100 head at the end of the period. The proportion of cattle in stock is calculated as follows: the proportion of cattle slaughtered by large-scale farms with an annual output of 50 or more head is calculated as the proportion of cattle slaughtered to the total number of cattle slaughtered; sheep farming... The proportion of scaled-up farming is calculated as the percentage of farms with an annual output of 200 or more head of livestock out of the total number of livestock.