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

GB 4407.2-2024

Replacing GB 4407.2-2008

Seed of economic crops - Part 2: Oil species

经济作物种子 第2部分：油料类

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document is Part 2 of GB 4407 "Economic Crop Seeds". GB 4407 has been published in the following 2 parts.

1 Scope

GB 4407.2-2024 is the Chinese national standard on seed of economic crops - part 2: oil species, 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 28 October 2024 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 October 2025. Classification: ICS 65.020.20, CCS B33. 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.

L.), sesame (*Sesamum indicum* L.) and oil flax (*Sesamum indicum* L.) seeds, and the quality requirements and inspection rules, describing The inspection method. This document applies to the production and sale of the above-mentioned oil seeds.

2 Oils. This document replaces GB 4407.2-2008 "Economic Crop Seeds Part

2.Oilseeds". Compared with GB 4407.2-2008, In addition to structural adjustments and editorial changes, the main technical changes are as follows:

- Added quality requirements for oil flax seeds (see 4.4);
- Changed some quality requirements for rapeseed seeds (see 4.1, 4.2.1 of the.2008 edition);
- Changed some quality requirements for sunflower seeds (see 4.2, 4.2.2 of the.2008 edition);
- Changed the quality requirements for peanut seeds (see 4.3, 4.2.3 of the.2008 edition);
- Changed the description of the test method and judgment rules (see Chapter 5, Chapter 5 of the.2008 edition). Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document is proposed and coordinated by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. The previous versions of this document and the documents it replaces are as follows:
 - First published in 1984 as GB 4407-1984;
 - First revised in.1996 as GB 4407.2-1996, second revised in.2008;
 - This is the third revision.

The Seed Law of the People's Republic of China stipulates that seeds with "quality lower than the national standards" or "quality lower than the indicators marked on the label" are inferior. Clarifying the minimum quality requirements for important crop seeds is not only a requirement for implementing national laws, but also a way to ensure seed quality and maintain The need to protect the order of the seed market and the vital interests of seed users (farmers). According to convention, crop seeds can be divided into grain crop seeds, Oil crop seeds, cash crop seeds, vegetable crop seeds, etc. Among them, oil crop seeds are an important component of crop seeds. GB 4407 divides grain crop seeds into the following two parts.

2.Oils. The seed quality requirements in this document are the minimum quality commitments that seed producers and operators should make and are the legal basis for punishing inferior seeds and processed seeds. It is an important basis for resolving disputes over sub-quality. Seeds of economic crops Part

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Basicseed Seeds of the first to third generation propagated from breeder seeds and confirmed to meet specified quality requirements.

3.2 Qualified seed for field use Seeds of the first to third generation or hybrids propagated from conventional original seeds, which are confirmed to meet the specified quality requirements.

4 Germination test for sowing quality

GB/T 3543.5 Inspection procedures for crop seeds Part

5 Variety quality and purity identification

GB/T 3543.6 Inspection procedures for crop seeds Part

6 Determination of moisture content in sowing quality

GB 20464 General Rules for Labelling of Crop Seeds