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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 47301-2026

Code of practice for the breeding and reproduction of Chinese oak silkworm (Antheraea pernyi)

柞蚕良种繁育技术规程

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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 by the Ministry of Agriculture and Rural Affairs of the People's Republic of China. This document is under the jurisdiction of the National Technical Committee on Standardization of Sericulture (SAC/TC437). This document was drafted by: Jilin Provincial Academy of Sericulture, Southwest University, Liaoning Provincial Institute of Sericulture, and Henan Provincial Academy of Sericulture. The institute, Heilongjiang Provincial Sericulture and Apiculture Development Center, Jiangsu University of Science and Technology, Shenyang Agricultural University, and Hulunbuir Academy of Agricultural and Animal Husbandry Sciences. The main drafters of this document are. Liu Baoyu, Zhou Ying, Zhu Xingyou, Wan Jun, Zhu Xuwei, Li Xisheng, Xue Zhenhai, Wang Fengcheng, Gao Qing, and Zhang Haidong. Han Jianhua, Li Hongda, Yao Xiaohui, Wang Yong, Hong Enzhong, Chen Tao. Technical Regulations for Breeding High-Quality Tussah Silkworms

1 Scope

GB/T 47301-2026 is the Chinese national standard covering producing improved oak silkworm stock - the selection and mating, the rearing of the parent generations on oak, the disease inspection of the eggs and the multiplication that supplies farmers with clean seed. First edition, 17,000 words, in force since 1 October 2026, with the germplasm standard GB/T 47303-2026. It was issued on 31 March 2026 and takes effect on 1 October 2026, as a first edition. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. 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 establishes the breeding procedure for superior tussah silkworm varieties, and specifies the operational instructions for stages such as egg preparation, cocoon propagation, and disease and pest control. It describes methods for tracing records and archives. This document applies to the production of tussah silkworm mother stock, original stock, and common stock.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Tussah silkworm eggs and/or cocoons used for successive production.

3.2 Grandparent Eggs Tussah silkworms are used for breeding and propagation of original varieties.

Note. This includes both conservation mother breeds and breeding mother breeds.

3.3 Original mother seed Tussah silkworm mother stock for use in the same generation for breeding and production.

3.4 Original species The mother silkworm of the tussah is bred from the mother breed and used for the breeding of the original breed in subsequent generations.

Note. This includes single-moth breeding stock and egg-bearing breeding stock.

3.5 Single moth mother species It is a breeding mother species bred in a single moth area of the conservation mother species to provide a breeding mother species for the next generation of breeding eggs.

3.6 Egg quantity mother species It is a breeding mother species that is bred from a single moth mother species using a mass egg breeding method, and is used to support the breeding of the original species for subsequent generations.