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

GB/T 47224-2026

Livestock and poultry breeds (synthetic lines) - Huaxi cattle

畜禽品种（配套系）华西牛

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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 Animal Husbandry (SAC/TC274). This document was drafted by: Beijing Institute of Animal Husbandry and Veterinary Medicine, Chinese Academy of Agricultural Sciences; National Animal Husbandry Service; and Beijing Lianyu Beef Cattle Breeding Technology Co., Ltd. Limited Company. The main drafters of this document are: Li Junya, Gao Xue, Gao Huijiang, Wang Congyong, Zhu Bo, Li Jiao, Zhang Lupei, Chen Yan, Wang Zezhao, and Xu Lingyang. Zheng Caihong, Liang Mang, Li Hongwei, Du Zhenwei. Livestock breeds (breeding systems). Huaxi cattle

1 Scope

GB/T 47224-2026 is the Chinese national standard covering Huaxi cattle - the beef breed China spent forty years developing from Simmental crossed onto local cattle, released in 2021 and now given its own standard: appearance, body measurements, growth and carcass performance, and the requirements for registered breeding animals. First edition, and it matters commercially: Huaxi is the breed China intends to use to stop importing beef genetics. It was issued on 27 February 2026 and has been in force since 1 September 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 specifies the basic requirements for the breed origin and characteristics, body shape and appearance, body size and weight, production performance and grading of

Huaxi cattle. The document describes the performance measurement method. This document applies to the breed identification and grading of Huaxi cattle.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB 4143 Frozen Bovine Semen

GB/T 43838 Technical Specification for Testing Beef Cattle Production Performance

3 Terms and Definitions

The terms and definitions defined in GB 4143 and GB/T 43838 apply to this document.

4.Variety Origin and Characteristics Huaxi cattle are bred using Sanhe cattle and Mongolian cattle as maternal breeds, and initially Simmental and Charolais cattle as paternal breeds, later using meat-grade Simmental cattle as paternal breeds. This is a specialized beef cattle breed developed through crossbreeding, crossbreeding fixation, and continuous selective breeding, with cattle as the sire. It features fast growth rate, high dressing percentage, and high net meat yield. It is characterized by high growth rate, good reproductive performance, and strong adaptability. It is mainly distributed in Xilingol League, Tongliao City, and Chifeng City of Inner Mongolia Autonomous Region, as well as Xinjiang Uygur Autonomous Region. The Ili Kazakh Autonomous Prefecture of Xinjiang Uygur Autonomous Region, Jingmen City of Hubei Province, Qujing City of Yunnan Province, Zhengzhou City of Henan Province, Baicheng City of Jilin Province, and other places.

5.Physical appearance characteristics The body is reddish (yellow) with a few white patches; the head is white, with some eye rings; the limbs, abdomen, and tail tip are mostly white; the majority of the body is white. They have horns; their body structure is well-proportioned, with a broad and deep body and well-developed muscles. Bulls have a cylindrical body, a broad forehead, a short, thick neck, a well-developed dewlap, and a full hindquarters; females... The cattle have a slightly slender build, a broad and flat rump, and well-developed udders. See Appendix A for the physical characteristics of bulls and cows.

6 body measurements and weight

The average birth weight of bulls is

5.8 kg, and that of cows is

4.9 kg. The body measurements and weights of bulls and cows at different ages should

conform to... Requirements in Table 1.

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