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

GB 5797-2003

Replacing GB/T 5797-2003

Qinchuan cattle

秦川牛

(English Translation)

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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 of Standardization Documents" drafted.

This document replaces GB/T 5797-2003 "Qinchuan Cattle". Compared with GB/T 5797-2003, except for structural adjustments and editorial changes, the main technical changes are as follows.

--- Deleted terms and definitions such as "slaughter rate," net meat rate, "marbling", "progeny determination", and "relative breeding value" (see No..2003 edition).

Chapter 2);

--- Increase the variety sources and characteristics (see Chapter 4);

--- Changed the body appearance (see Chapter 5, Chapter 3 of the 2003 edition);

--- Increased body size and weight (see Chapter 6);

--- Increased fattening performance (see 7.1);

--- Increased carcass traits (see 7.2);

--- Increased meat quality traits (see 7.3);

--- Changed the lactation performance (see 7.4, 4.2 of the 2003 edition);

--- Changed the reproductive performance (see 7.5, 4.3 of the 2003 edition);

--- Increase the determination method (see Chapter 8);

--- Changed the physical appearance score (see 9.1, 5.1 of the 2003 edition);

- Changed the body size score (see 9.2, 5.2 of the 2003 edition);
- Changed the weight score (see 9.3, 5.3 of the 2003 edition);
- Changed the comprehensive rating (see 9.4, 5.4 of the 2003 edition);
- Deleted the registration of improved breeds (see Chapter 6 of the 2003 edition);
- Changed the appearance score of Qinchuan cattle (see B.1 of Appendix B, A.1 of Appendix A of the 2003 edition);
- Changed the Qinchuan cattle body size rating (see B.2, A.2 of the 2003 edition);
- Changed the basic score of Qinchuan cattle's body size and weight class (see B.3, A.3 of the 2003 edition);
- Changed the weight rating of Qinchuan cattle (see B.4, A.4 of the 2003 edition);
- Delete the measurement methods and requirements for body size and weight (see A.5 of the 2003 edition);
- Delete the calculation method of the relative breeding value of bulls (see Appendix B of the 2003 edition);
- Deleted the application form for registration of improved breeds of Qinchuan cattle (see Appendix C of the 2003 edition).

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies the source and characteristics of Qinchuan cattle breeds, body appearance, body size and weight, production performance and grade evaluation requirements.

Methods for measuring body weight and production performance.

This document applies to the identification and comprehensive grading of Qinchuan cattle breeds.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB 4143 Cow Frozen Semen NY/T 2660 Technical Specification for Determination of Beef Cattle Production Performance

3 Terms and Definitions

There are no terms and definitions that need to be defined in this document.

4 Variety origin and characteristics

Qinchuan cattle is a local cattle breed in my country. It is named after the "Babaili Qinchuan" originating in Guanzhong area of Shaanxi Province. The main producing area is Weihe, Shaanxi Province.

Nan, Xi'an, Xianyang, Baoji and other cities, Qingyang and Pingliang in Gansu Province, and Guyuan in Ningxia Hui Autonomous Region are also distributed. Qinchuan beef it has obvious characteristics, is resistant to roughage and has strong stress resistance.

5 Body shape

The Qinchuan cattle are tall, well-proportioned, strong in physique, wide and deep in the chest, strong in bones and full in muscles. The coat colors are purple, red, and yellow.

Mostly purple and red. The horns are short and blunt, and the texture is fine and flesh-colored. The nose is mostly fleshy red, and a few are dark gray or have black spots. tail broom Mixed with white or off-white hair. The hoof is round and large, and the hoof shell is mostly pink, and a few are black or black and red. Bull head with large forehead, stubby neck, shoulders Clearly, the armour is tall and wide. The cow has a delicate head, moderate neck length, acromion, low sting, and well-developed udders. The body shape and appearance of Qinchuan cattle are shown in Appendix A.

6 Body measurements

The body size and weight of 6-month-old, 12-month-old, 24-month-old, 36-month-old and 48-month-old bulls should meet the requirements in Table 1. 6 months old, 12 months old, the body size and body weight of 24-month-old, 36-month-old and 48-month-old cows should meet the requirements in Table 2.