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

GB 10030-2006

Replacing GB/T 10030-2006

**Bluntnose black bream - Broodstock, fry and fingerling
(English Translation)**

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Foreword

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.

This document replaces GB/T 10030-2006 "Fry and Fingerlings of Blunthead Bream". Compared with GB/T 10030-2006, the main differences are structural adjustments and revisions.

Aside from the logical changes, the main technical changes are as follows.

a) Increased requirements for the source and quality of broodstock (see Chapter 4);

- b) The source of the seedlings (see 5.1, Chapter 4 of the 2006 edition) and the quality requirements (see 5.2, Chapters 5 and 6 of the 2006 edition) have been changed;
- c) The testing method has been changed (see Chapter 6, Chapter 7 of the 2006 edition);
- d) The inspection rules have been changed (see Chapter 7, Chapter 8 of the 2006 edition);
- e) A seedling counting method has been added (see Chapter 8);
- f) Increased requirements and methods for transporting broodstock and fry (see Chapter 9).

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 Fisheries Standardization (SAC/TC156).

1 Scope

The requirements for seedlings are described, along with the corresponding inspection methods, inspection rules, and seedling counting methods.

This document applies to the quality assessment of broodstock and fry of blunt snout bream.

4.1 Source

4.1.1

Parent fish, reserve parent fish, or fry caught from natural waters and specially bred.

4.1.2

Broodstock provided by qualified breeding farms or reserve broodstock or fry introduced from such breeding farms, and specially bred and thus.

4.2.1 Germplasm

It conforms to the requirements of GB/T 10029.

4.2.2 Appearance

Body shape and color conform to the description in GB/T 10029.

4.2.3 Age

The suitable breeding age is 2 to 4 years.

4.2.4 Body length and weight

Body length $\geq 28\text{cm}$, weight $\geq 500\text{g}$.

4.2.5 Characteristics during the reproductive period

Female fish. The abdomen is swollen, soft and elastic, the vent is slightly protruding and reddish; the tubercles are not obvious, and only a few appear on the tail fin.

Male fish. The gill covers, pectoral fins, and caudal fins have obvious pearl-like spots and feel rough to the touch. When the abdomen is gently pressed, milky white semen flows out from the vent.

4.2.6 Health Status

Physically robust, without injuries or deformities.

5.1.1 Fish fry

It is bred from parent fish that meet the requirements of Chapter 4.

5.1.2 Fish species

It is cultivated from fish fry that meet the requirements of 5.1.1.

5.2.1.1 Appearance

The fish are translucent and glossy; they swim in groups.

5.2.1.2 Countable Indicators

Disability rate $\leq 1\%$; deformity rate $\leq 1\%$.

5.2.1.3 Specifications

Total length $\geq 6\text{mm}$.

5.2.2.1 Appearance

Normal body shape and color, intact fins and scales, smooth body surface with mucus; agile swimming.

5.2.2.2 Countable Indicators

Disability rate $\leq 1\%$; deformity rate $\leq 1\%$.

5.2.2.3 Specifications

The total length and weight of fish of different sizes are shown in Table 1.

5.2.3 Health Status

They are highly responsive to external stimuli, swim nimbly, and can swim against the current.

5.2.4 Safety Indicators

Fishing drugs that are prohibited or suspended by the state should not be detected, and the use of restricted drugs should not exceed the standard.

6.1.1 Source

Review the records of broodstock introduction and breeding or breeding production.

6.1.2 Germplasm

Test according to the method given in GB/T 10029.

6.1.3 Appearance

Place the sample fish in a container that is easy to observe, and observe it with the naked eye under natural light.

6.1.4 Age

Check production records or take scales to determine age according to the method given in GB/T 18654.4.

6.1.5 Body length and weight

Measured according to the method given in GB/T 18654.3.

6.1.6 Characteristics during the reproductive period

Visually examine the body shape, color, cloaca shape and color; touch the gill covers, pectoral fins, caudal fin and abdomen; examine the pearl tubercles and gonadal development.

situation.