

ICS 65.020.30
CCS B 44

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

LY/T 3215-2020

**Technical code of feeding and breeding for wildlife - Crested
Ibis
(English Translation)**

Issued on: December 29, 2020

Implemented on: June 1, 2021

Issued by: State Forestry and Grassland Administration

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Foreword

This document is in accordance with GB/T 1.1-2020 "Guidelines for Standardization Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

1 Scope

This document stipulates the construction of breeding farms, personnel requirements, feed, breeding management, and management of the crested ibis (*Nipponia nippon*) under artificial breeding conditions.

Technical specifications for breeding, sanitation and disinfection, disease management,

health inspection, safety and file management.

This document is applicable to the artificial breeding and rescue of crested ibis nationwide.

2 Normative references

The contents of the following documents constitute the indispensable clauses of this document through normative references in the text. Among them, dated reference documents, Only the version corresponding to that date is applicable to this document; for undated references, the latest version (including all amendments) is applicable to this document file.

GB 2707 National Food Safety Standard Fresh (frozen) livestock and poultry products GB 2733 National Food Safety Standard Fresh and Frozen Animal Aquatic Products GB 5749 Sanitary Standard for Drinking Water GB 13078 Feed Hygienic Standard GB 18596 Pollutant Discharge Standard for Livestock and Poultry Breeding Industry NY/T 388 Livestock and Poultry Farm Environmental Quality Standard LY/T 1563 General technical conditions for terrestrial wild animals (birds) farms LY/T 2499 General Design Specification for Wildlife Farm LY/T 2806 Requirements for Wild Animal Breeding Practitioners

3 Terms and definitions

The following terms and definitions defined apply to this document.

Crested ibis

The crested ibis (*Nipponia nippon*) belongs to the class of birds (Aves), the order Pelecaniformes (Pelecaniformes), and the ibis family in the taxonomy of birds.

(Threskiorothidae), Crested Ibis (*Nipponia*), wild populations are only distributed in Shaanxi.

Crested ibis of breeding Adult crested ibis participating in breeding offspring, aged 2-12 years old.

Nestlings

Crested ibis chicks from their shells to 45 days old.

Sub-adult

Crested Ibis, 46 days old to 1 year old.

Parents

Crested ibis parents who are hatching brooding.

Natural reproduction the parents hatch the brood.

4.1 Selection of Feeding Farm Site

4.1.1

It shall meet the requirements of NY/T 388 and LY/T 1563.

4.1.2

There is no poultry farm within 20km.

4.2 Feeding farm layout

Should meet the requirements of LY/T 2499.

4.3 Feeding cages

4.3.1

The cage should be sheltered from wind and sunny, and should face south.

4.3.2

In northern regions where the lowest temperature in winter is $\leq -15^{\circ}\text{C}$, a breeding house with heat preservation measures should be built, and the height of the house is $\geq 3\text{m}$; the minimum temperature is $\geq$ in areas where the temperature is -15°C , no inner house is required, and a rain shelter with a width of 2m to 3m should be built on the top of the cage;

4.3.3

The outer net of the cage should use a soft metal net, and the side length of the net hole shall be $\leq 3\text{cm}$. When the outer net of the cage is a hard net, the hard net should adopt a vertical strip specification, wide 3cm, length 5cm~8cm, and a plastic soft net should be installed on the inside; the height of the cage is 4m~6m. The area of each cage should be $\geq 20\text{m}^2$, and each crested ibis Covers an area of 5m^2 . The cage should prevent animal damage, rodent damage, and collision.

4.3.4

The ground inside the cage is sandy soil or lawn, 15cm~20cm higher than the ground outside the cage, the ground has a slope of 3%~5%, and there is no accumulation of water;

A metal mesh with a hole diameter of $\leq 1\text{ cm}$ is placed outside the drain.

4.3.5

There should be a pool for foraging and bathing in the cage. the depth of the pool is $\leq 18\text{cm}$, the diameter is $\geq 1.2\text{m}$, and the height of the edge of the pool from the ground is $\leq 10\text{cm}$, A cement feeding platform with a width of $\geq 50\text{cm}$ should be set on the edge of the pool.

4.3.6

Perch. The cage should have a log perch with a diameter of 8cm ~ 15cm, and an average of 2 to 3 crested ibis should be equipped with a perch with a height of 2m~ 4m, the length is set according to the size of the house; the perch should not be set up above the foraging area.

4.4 Incubation room

4.4.1

The incubator should have warm and cooling facilities and good ventilation.

4.4.2

The hatching room should be equipped with egg inspection room, disinfection room, hatching room and washing facilities.

4.5 Brooding room

4.5.1

The brooding room requirements are the same as 4.4.1.

4.5.2

The brooding room should be equipped with washing room, chicks storage room and feeding table.

4.5.3

It shall have facilities and functions to prevent infringement by rats, cats, dogs, birds of prey, etc.

4.5.4

The floor of the brooding room should have a slope of 3% to 5%, and there should be drainage facilities.

4.6 Feed room

4.6.1

The feed room includes feed processing room and feed storage room. The feed room should be equipped with warm and cooling facilities, and the temperature should be controlled between 0 °C and 25 °C.

It is easy to transport, keep ventilated, prevent harm and mildew.

4.6.2

The feed processing room should be equipped with meat grinders,, mixers, ovens, refrigerators and freezers.