

**National Standard of the People's Republic of China**  
**Feed Label**

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**Approved on 10/08/1999 and implemented on 01/06/2000 by State Bureau of Technical  
Supervision**

# **National Standard of the People's Republic of China**

## **Feed Label**

### **GB 10648-1999**

#### **Preface**

This standard is the revision of GB 10648-1993 Feed Label.

This standard differs from GB 10648-1993 chiefly in the following:

- The construction and formulation of this version was revised to GB/T 1. 1-1993 Directives for Standardization—Unit 1: Rules for Drafting and Formulation of Standards – Part 1: Fundamental Specification for Standard Preparation;
- Chapter 1 identifies the scope of applications for the standard including imported feed and feed additives; and medical feed additive is added to the inapplicable scope for the standard;
- Definition of additional four terms is included;
- The specified label must bear the words “This product complies with the standard for feed hygiene”;
- In the additional Annex A, notes to measurement units involved in the feed labels is specifically described;
- Content on feed label notes for the addition of medical feed additive is supplemented;
- For premix materials, concentrated feed and extender for fine fodder, indication of relevant supporting recommended formulations or method of application and other notes on the label is specified;
- Necessary addition to and correction of the guaranteed analytical value of product is made for the individual types of feed; and
- One label designated for one product instead of several products is specified.

This standard was published in Feb. 1988 for the first time and revised in 1993 for the first time.

This standard will substitute GB 10648-1993 from the date when it is implemented.

Annex A to this standard is normative.

This standard was proposed by and is under the jurisdiction of National Technical Committee 76 on Feed Industry of Standardization Administration of China.

This standard was drafted by Feed Industry Association of China and secretariat for National Technical Committee 76 on Feed Industry of Standardization Administration of China.

Main draftpersons of this standard: Wang Suiyuan, Qi Wenying, Mu Yongyi, Sun Ming, Hu Guangdong and Zheng Ximei.

This standard is commissioned to National Technical Committee 76 on Feed Industry of Standardization Administration of China for construction.

## **1 Scope**

This standard specifies the basic principles and requirements for design and fabrication of feed labels, and the basic information and methods to be indicated on the labels.

This standard is applicable to labels for commercial feed and feed additives (including imported feed and feed additives). It does not apply to feed customized by contract, private feed, raw grain used as feed and its processed products and medical feed additives.

## **2 Reference standards**

The following standards contain provisions which, through reference in this text, constitute provisions of this standard. At time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

GB/T 10647-1989 General Terms for Feed Industry

GB 13078-1991 Standard for Feed Hygiene

## **3 Definitions**

This standard is based on definitions in GB/T 10647. For the other terms, the following definitions are used.

### **3.1 Feed label**

All tags and other illustrations describing details of feed in text, graphics and symbols.

### **3.2 Medical feed additive**

Uniform prefix materials formed from one or more medicines and carrier or diluent to a specified ratio to be added to the feed to prevent animal diseases or affect certain physiological and biochemical functions of animals.

### **3.3 Guaranteed analytical value of product**

Value of product obtainable from analysis by specified analytical methods and complying with standards during the shelf life as committed to and assured clearly by the producer for the products based on the specified items of guaranteed value.

### **3.4 Net mass**

Actual mass of the content when the packaging container and other packaging materials are removed.

### **3.5 Shelf life**

Time limit by which the quality of feed product is maintained in specified storage conditions. Before this time limit, the composition and appearance of product shall comply with standards.

## **4 Basic principles**

- 4.1 Information indicated on feed labels must comply with related national laws and regulations as well as related standards.
- 4.2 Information indicated on feed labels must be true and consistent with the inherent quality of the products.
- 4.3 Information on feed labels shall be indicated in easy-to-understand, scientific and accurate manner, and easy to be understood by users. False, exaggerated or liable-to-misunderstanding words shall not be used nor deceptive description used to mislead consumers.

## **5 Basic information mandatory for indication**

- 5.1 “This product complies with the standard for feed hygiene” shall be available on the feed label to indicate that the product complies with GB 13078.
- 5.2 Feed name
  - 5.2.1 Feed products shall be named based on the designations indicating the genuine properties of feed in line with related definitions in GB/T 10647.

5.2.2 Where objects to be fed and feeding stages are required, they must be indicated in the feed designations.

5.2.3 While trademark name or brand name is used, the name specified in 5.2.1 must be used.

### 5.3 Guaranteed analytical value of product

5.3.1 The label shall give the guaranteed analytical value of product according to the items specified in Table 1.

5.3.2 The guaranteed value must comply with the standard applicable to the product manufacture.

5.3.3 For all types of products, the guaranteed analytical values of product are specified in Table 1.

Table 1 Items of guaranteed analytical value of product

Serial No.	Product types	Items of guaranteed value	Remarks
1	Protein feed	Coarse protein, raw fiber, crude ash, moisture (with calcium, total phosphorus, salt added to protein feed for animals), amino acid	
2	Mixed feed	Coarse protein, raw fiber, crude ash, calcium, total phosphorus, salt, moisture, amino acid	
3	Concentrated feed	Coarse protein, raw fiber, crude ash, calcium, total phosphorus, salt, moisture, amino acid, main trace elements and vitamins	
4	Extender for fine fodder	Coarse protein, raw fiber, crude ash, calcium, total phosphorus, salt, moisture, amino acid, main trace elements and vitamins	
5	Composite premix materials	Contents of trace elements and vitamins and other effective components, names of carrier and diluent; and moisture	
6	Premix materials of trace elements	Contents of effective components for trace elements; names of carrier and diluent; and moisture	
7	Premix materials of vitamins	Contents of effective components for vitamins; names of carrier and diluent; and moisture	
8	Mineral feed	Contents of main components, max. contents of main toxic and deleterious substances, moisture and grain size	Grain size and moisture, if not required, can be skipped
9	Nutritive additives	Content of effective component	
10	Non-nutritive additives	Content of effective component	Excluding medical feed additive
11	Miscellaneous	Indicate items which can show the inherent quality of product	
Note: For guaranteed values in Items 1, 2, 3 and 4 for amino acid, the specific types and guaranteed values will be determined by enterprises according to properties of products.			

### 5.4 Composition of raw materials

Indicating names of main raw materials used for processing feed products and names of additives, carrier and diluent. Nutritive raw materials can be indicated by types. For feed additives with

single effective component, the indication of raw material composition can be skipped.

#### 5.5 Standard numbers for product

Labels shall bear the number of standard applied in manufacturing the products.

#### 5.6 Feed products with medical feed additives

5.6.1 For feed products with medical feed additives, the labels must bear the notable words “containing medical feed additives” below the product name.

5.6.2 Indicate the legal names for the medicines added.

5.6.3 Give the accurate content, incompatibility, withholding period and other cautions for the medicines in the feed.

#### 5.7 Instructions for application

For premix materials, concentrated feed and extender for fine fodder, relevant supporting recommended formulations or method of application and other notes shall be given.

#### 5.8 Net mass (or net content)

Indicate the net mass of feed in each package at a notable point on the label; and for feed shipped in bulk, indicate the net mass of each transport unit in g, kg or t of the national mandatory measurement system. If the content is not measured in mass, mark with “net content”.

#### 5.9 Production date

Production date of product must be indicated. Production date shall be complete with day, month and year.

#### 5.10 Shelf life

5.10.1 Indicate with a shelf life of      months (or a number of years, days).

5.10.2 Storage conditions and methods can be indicated as necessary.

#### 5.11 Names and addresses of producer and

5.11.1 Names and detailed addresses, postal codes and contact phone numbers for producer and subpackager consistent with the business licenses must be indicated.

5.11.2 Imported products must bear in Chinese the name of origin (country, region) and name, detailed address, postal code and contact phone number of distributor registered according to law in China, which shall be consistent with the business license.

5.11.3 The production date and net mass of imported product can be indicated as appropriate on the Chinese label by “See the label of the origin” or “See the outer packaging” provided that the production date or net mass indicated on the label of the origin or the outer packaging complies with this standard.

#### 5.12 Production permit and product registered number of approval

Products subject to the management of production permit and product registered number of approval shall bear effective production permit number and product registered number of approval. Imported feed and feed additives must bear at a notable location of the label the registered license number for imported product.

#### 5.13 Miscellaneous

Other necessary information like quality certification mark within the period of validity can be indicated.

### **6 Basic requirements**

6.1 Feed label shall not be separated from the packaging.

6.2 The label for bulk supplies shall be delivered with the delivery order.

6.3 The material for printing the feed label shall be firm and durable; and clear and visible in

the text, symbols and graphics.

- 6.4 Information printed on the label shall not become vague or even wear off during transit, and must be clear and legible when users purchase and use the product.
- 6.5 Feed labels must use standardized Chinese characters; and corresponding Chinese phonetic alphabet and other letters can be used at the same time.
- 6.6 Symbols, codes and glossary on the labels shall comply with national decrees, laws and regulations and related standards.
- 6.7 Measurement units indicated on feed labels must be based on legal units of measurement. For units of measurement frequently used on feed labels, see Annex A.
- 6.8 One label shall be designated only for one feed product instead of several feed products.

This revision form was approved by ZJBBH [2001] No. 049 document issued by State Bureau of Technical Supervision on Sep. 19, 2001 and has been in force since Oct. 30, 2001. It was published on Page 34 of the 11<sup>th</sup> issue of Standardization in China in 2001.

## **Annex A**

(Normative Annex)

### **Indication of Measurement Units for Feed Labels**

#### **A1 Guaranteed analytical value of product**

- A1.1 The contents of coarse protein, raw fiber, coarse fat, crude ash, total phosphorus, calcium, salt, moisture, and various amino acids will be expressed in mass fraction (%).
  - A1.2 Content of trace element will be expressed by the mass of an element per kg of feed (e.g. mg or  $\mu\text{g}$ ).
  - A1.3 Content of toxic and deleterious substance will be expressed by the mass of the toxic and deleterious substance or counts per kg of feed (e.g. mg,  $\mu\text{g}$  or counts of germs).
  - A1.4 Content of medicine and vitamin will be expressed by the mass of the medicine or vitamin per kg of feed or by international unit showing the biological value (e.g. mg,  $\mu\text{g}$  or international unit (IU)).
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