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Standard on Soybeans for Feedstuff

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Report Highlights:

This report contains an UNOFFICIAL translation of a National Standard of People's Republic of China, GB/T 20411-2006 for Soybeans for Feedstuffs. The standard was published on August 3, 2006 and was not notified to the World Trade Organization. The standard has not been applied to soybean imports since its implementation.

Executive Summary: This report contains an UNOFFICIAL translation of a National Standard of People's Republic of China, GB/T 20411-2006 of Soybeans for Feedstuffs. The standard was published on August 3, 2006 and was not notified to the World Trade Organization. Note othat the standard specifies an impurities content of no more than 1.0 percent($\leq 1.0\%$) for soybeans for feedstuff. The standard has not been applied to soybean imports since its implementation.

General Information:
BEGIN TRANSLATION

National Standard of the People's Republic of China
GB/T 20411-2006

Soybean for feedstuffs

Issued on August 3 2006
Implemented on November 1 2006

Issued by General Administration of Quality Supervision, Inspection and Quarantine of People's Republic of China and National Association of Standardization Administration of China

Foreword

This Standard is formulated on the basis of *NY/T 135-1989 Soybean for Feedstuffs*.

The main technical differences between this Standard and *NY/T 135-1989 Soybean for Feedstuffs* are as follows:

- Indicators of unsound kernel, moldy kernel and heat damage kernel are added;
- Indicator of permitted urease activities is deleted;
- Indicators of crude fiber and crude ash are deleted.

NY/T 135-1989 Soybean for Feedstuffs shall be replaced from the implementation date of this *Standard*.

This *Standard* was proposed by the Ministry of Agriculture of People's Republic of China. This *Standard* is under the jurisdiction of National Feedstuff Standardization Technical Committee.

This *Standard* was drafted by National Feedstuff Supervision and Inspection Center (Wuhan), Harbin Pufan Feedstuff Limited Company, Shandong Liuhe Group.

The main drafters of this Standard were Yang Haipeng, Lu Deqiu, Lv Mingbin, Guo Jiyuan, Yang Lin, Liu Xiaomin.

This *Standard* was first promulgated in 1989 as National Standard GB 10384-1989 before adjusted as Agricultural Industrial Standard in 1997.

Soybean for feedstuffs

1. Scope

This Standard specifies terms and definitions, quality requirement, sampling, inspection method, packaging, labeling, transport and storage, etc. of soybean for feedstuffs.

This Standard is applicable to the purchase, storage, transport, processing and sales of soybean for feedstuffs.

2. Normative references cited

Through reference in this Standard, provisions of the following documents constitute provisions of this *Standard*. For dated documents, their subsequent amendments (excluding corrigenda) or revised editions are not applicable to this *Standard*. However, parties that have reached an agreement based on this Standard are encouraged to investigate the possibility of applying the most recent editions of these documents. For undated documents, their most recent editions are applicable to this *Standard*.

GB 1352 Soybean

GB/T 6432 Methods for Measuring Crude Protein in Feedstuffs

GB/T 6435 Methods for Measuring Moisture in Feedstuffs

GB 13078 Hygienic Standard for Feedstuffs

3. Terms and definitions

The following terms and definitions are applicable to this Standard.

3.1 Unsound kernel

Unsound kernel contains damaged soybean that is still of use for feedstuff

3.1.1 Immature kernel

Kernel significantly different from normal kernels: its seed is not plump and at least 1/2 of kernel surface is shrunken or the green part of cotyledon is or above 1/2 of the surface (excluding green-seed soybean).

3.1.2 Injured kernel

Kernel injured by insects with cotyledon damaged.

3.1.3 Spotted kernel

Kernel with spotted surface, whose cotyledon is damaged.

3.1.4 Sprouted kernel

Kernel whose sprout or radical has broken through seed capsule or kernel which has swollen due to absorption of moisture.

3.1.5 Moldy kernel

Kernels with moldy surface or cotyledon

3.1.6 Frostbite kernel

Kernel whose seed becomes transparent or whose cotyledon has frozen and is dark green due to frost.

3.1.7 Heat-damaged kernel

Kernel whose cotyledon has changed in color and damaged due to heat.

3.1.8 Broken kernel

Kernel whose broken cotyledon accounts for at least 1/4 of its volume.

3.2 Impurities

Substances passing a F3.0mm circular screen; soybean with no use for feedstuffs; non-soybean substances.

4. Requirements

4.1 Color and odor is normal.

4.2 Impurities content is no more than 1.0% ($\leq 1.0\%$)

4.3 Moldy soybean is no more than 2.0% ($\leq 2.0\%$).

4.4 Moisture is no more than 13% ($\leq 13\%$).

4.5 Unsound kernel and crude protein is adopted as indicators for grade determination (Table 1).

Table 1 Quality Indicators for Soybean for Feedstuffs

grade	unsound kernel(%)		crude protein(%)
	in total	heat-damaged kernel	
1	≤ 15	≤ 0.5	≥ 36
2	≤ 15	≤ 1.0	≥ 35
3	≤ 30	≤ 3.0	≥ 34

4.6 Requirements in GB12078 must be complied with.

5. Sampling

For sampling, GB/T1352 shall be followed.

6. Methods for inspection

6.1 For the testing of color, odor, impurities and unsound kernel, GB/T 1352 shall be followed.

6.2 For the testing of crude protein, GB/T 6432 shall be followed.

6.3 For the testing of moisture content, GB/T6435 shall be followed.

7. Packaging, labeling, transport and storage or the packaging, labeling, transport and storage, GB/T 1352 shall be followed.

END TRANSLATION