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China - Peoples Republic of

Post: Beijing

Crop Seeds of Legumina

Report Categories:

FAIRS Subject Report

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Report Highlights:

On November 19, 2009 China notified "Crop Seeds of Legumina" to the WTO as G/TBT/N/CHN/696. Comments are due on January 18, 2010. This report contains an UNOFFICIAL translation of this draft measure.

General Information:

Summary

On November 19, 2009 China notified "Crop Seeds of Legumina" to the WTO as G/TBT/N/CHN696. Comments are due on January 18, 2010. The proposed date of adoption is 90 days after circulation by the WTO secretariat and date of entry into force is 6 months after adoption.

China's WTO notification describes this standard as specifying "the quality requirements, test methods and inspection rules

for soybean, horsebean, red bean, and mung bean seeds. It applies to the production and sale of above mentioned legumes' seeds in China, which covering coating seeds and non-coating seeds.”

This report contains an UNOFFICIAL translation of this draft standard.

BEGIN TRANSLATION

National Standard of the People's Republic of China

GB 4404.2 – 200x

Replaces GB 4404.2 – 1996 GB 4404.3 - 1999

Seed of Food Crops

Part 2: Legume

(Draft for Approval)

Foreword

All technical aspects of this Part in GB 4404 are mandatory.

GB 4404 *Seed of Food Crops* is divided into the following parts:

- Part 1: Cereal;
- Part 2: Legume;
- Part 3: Buckwheat;
- Part 4: Oat;

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This Part is the second part of GB 4404 and revision of GB 4404.2 - 1996 *Seed of Food Crops - Legume* and GB 4404.3 - 1999 *Seed of Food Crops - Red Bean and Mung Bean* according to the relevant provisions of *Seed Law of the People's Republic of China* and the new development of the seed industry. It replaces GB 4404.2 – 1996 and GB 4404.3 – 1999.

This Part includes the following major changes compared with GB 4404.2 - 1996 and GB 4404.3 - 1999:

- The application scope has been defined;
- Terms and definitions have been revised;
- Cleanness and moisture requirements of soybean seeds have been modified;
- Cleanness requirements of seeds of broad bean, red bean and mung bean have been modified;

- Referenced provisions on packaging, transport and storage have been canceled; and
- Testing rules have been revised.

This Part is proposed by the Ministry of Agriculture of the People's Republic of China.

This Part is under the jurisdiction of National Agricultural Seed Standardization Technical Committee.

Organizations participating in drafting this Part include National Agricultural Technology Extension Service Center, Quality Supervision, Inspection and Testing Center for Seeds of Crops under the Ministry of Agriculture (Shenyang), Quality Supervision, Inspection and Testing Center for Seeds of Soybean under the Ministry of Agriculture (Harbin), Quality Supervision, Inspection and Testing Center for Seeds of Wheat and Maize under the Ministry of Agriculture, Quality Supervision, Inspection and Testing Center for Seeds of Crops under the Ministry of Agriculture (Hefei), Hebei Seed Administration Station, Jilin Seed Administration Station, Sichuan Seed Administration Station, Yunnan Seed Administration Station and Gansu Seed Administration Station.

The main editors of this Part include Zhao Jianzong, Wang Rubao, Teng Kaiqiong, Kong Lingchuan, Sun Bo, Fu Youlan, Wang Wanshuang, Ban Xiuli, Su Xiu, Huang Zhengxian and Chang Hong.

This Part replaces the following previous editions:

- GB 4404 - 84;
- GB 4404.2 - 1996; and
- GB 4404.3 - 1999.

Seeds of Food Crops - Part 2: Legume

1 Scope

This Part of GB 4404 specifies quality requirements, testing methods and testing rules for seeds of soybean [*Glycine max*(L.)Merr], broad bean [*Vicia faba* L], red bean [*vigna angularis*(Willd)Ohwi & Ohashi] and mung bean [*vigna radiata*(L.)Wilczek].

This Part applies to legume seeds including capsuled seeds and non-capsuled seeds produced and sold in the People's Republic of China.

2 Normative documents

The following documents contain provisions which, through reference in this Part of GB 4404, constitute provisions of this Part. For dated reference, subsequent amendments (excluding corrections) to, or revisions of, any of these publications do not apply to this Part. However, parties to agreements based on this Part are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below. For undated references, the latest edition of the normative documents referred to applies.

GB/T 3543 (All parts) *Rules for agricultural seed testing*

GB 20464 *General directive for labeling of agricultural seeds*

3 Terms and definitions

The following terms and definitions apply to this Part of GB 4404.

3.1 Basic seed

Seeds of the first generation to the third generation that are propagated from the breeder's seeds and confirmed to meet the specified quality requirements.

3.2 Qualified seed

Seeds of the first generation to the third generation or hybrid seeds that are propagated from the basic seeds and confirmed to meet the specified quality requirements.

4 Quality requirements

4.1 General

Seed quality requirements consist of quality indexes and quality stated values. The quality indexes include purity, cleanness, germination rate and moisture; and the quality stated values shall be true and meet the quality requirements of this Part (refer to 4.2).

4.2 Quality standards

4.2.1 Soybean

Quality of soybean seeds shall meet the minimum requirements in Table 1.

Table 1 Seed Classification – Soybean %

Crop variety	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Soybean	Basic seeds	≥99.9	≥99.0	≥85	≤12.0
	Qualified seeds	≥98.0			

Note: The moisture of soybean seeds north of the Great Wall and in alpine regions is allowed to be higher than 12.0% but not higher than 13.5%. The moisture of soybean seeds south of the Great Wall (excluding alpine regions) is not allowed to be higher than 12.0%.

4.2.2 Broad bean

Quality of broad bean seeds shall meet the minimum requirements in Table 2.

Table 2 Seed Classification – Broad Bean %

Crop variety	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Broad bean	Basic seeds	≥99.9	≥99.0	≥90	≤12.0
	Qualified seeds	≥97.0			

4.2.3 Red bean

Quality of red bean seeds shall meet the minimum requirements in Table 3.

Table 3 Seed Classification – Red Bean %

Crop variety	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Red bean (small red bean)	Basic seeds	≥99.0	≥99.0	≥85	≤13.0
	Qualified seeds	≥96.0			

14.2.4 Mung bean

Quality of mung bean seeds shall meet the minimum requirements in Table 4.

Table 4 Seed Classification – Mung Bean %

Crop variety	Seed classification	Varietal purity	Cleanness (pure seeds)	Germination rate	Moisture
Mung bean	Basic seeds	≥99.0	≥99.0	≥85	≤13.0
	Qualified seeds	≥96.0			

5 Testing methods

Cleanness analysis, germination test, moisture determination, genuineness and purity testing shall follow the provisions of GB/T 3543.

6 Testing rules

6.1 Sampling

Sampling methods and seed lot shall be determined according to the provisions of GB/T 3543.

6.2 Quality judgment rules

Quality judgment rules shall follow the provisions of GB 20464.

END TRANSLATION