



USDA Foreign Agricultural Service

# GAIN Report

Global Agriculture Information Network

Template Version 2.09

Voluntary Report - Public distribution

**Date:** 11/12/2008

**GAIN Report Number:** CH8097

## China, Peoples Republic of

### FAIRS Subject Report

### Grain and Oilseed Standards

### 2008

**Approved by:**

Mark Petry  
AgBeijing

**Prepared by:**

Wu Bugang

---

**Report Highlights:**

On July 3, 2008, China notified the WTO of the National Standard GB 1353—2007 "National Standard for Corn" as TBT/N/CHN/403 and National Standard GB-1532-2006 "National Standard for Soybeans" as TBT/N/CHN/402. These standards specify the relevant terms and definitions, classifications, quality requirements, test methods, and requirements for labeling, packaging, transportation and storage of corn and soybeans. GB/T 5498 Inspection of Grain and Oilseeds — Methods for Determination of Test Weight is referenced in that standard and published here as a reference in reviewing TBT/N/CHN/403 and 402. This report is an UNOFFICIAL translation of GB/T 5498.

---

Includes PSD Changes: No  
Includes Trade Matrix: No  
Annual Report  
Beijing [CH1]  
[CH]

**Executive Summary:** On July 3, 2008, China notified the WTO of the National Standard GB 1353—2007 "National Standard for Corn" (Replacing GB 1353-1999) as TBT/N/CHN/403. This standard specifies the relevant terms and definitions, classifications, quality requirements, test methods, and requirements for labeling, packaging, transportation and storage of corn. This standard also applies to testing, evaluation and identification of the quality of corn. The date for submission of final comments to the WTO is September 3, 2008. The proposed date of adoption is 90 days after circulation by the WTO Secretariat (October 3, 2008) and the proposed date of entry into force is 6 months after adoption (January 3, 2009). This is notified as GAIN Report CH8069.

On July 3, 2008, China notified the WTO of the National Standard GB-1532-2006 "National Standard for Soybeans" (Replacing GB 1352-1986) as TBT/N/CHN/402. This standard specifies the relevant terms and definitions, classifications, quality requirements, test methods, and requirements for labeling, packaging, transportation and storage of soybeans. This standard also applies to testing, evaluation and identification of the quality of commercial soybeans. The date for submission of final comments to the WTO is September 3, 2008. The proposed date of adoption is 90 days after circulation by the WTO Secretariat (October 3, 2008) and the proposed date of entry into force is 6 months after adoption (January 3, 2009). This is notified as GAIN Report CH8066.

One of the measures that is referenced in the proposed National Standard is GB/T 5498 Inspection of Grain and Oilseeds — Methods for Determination of Test Weight. This standard has not been notified to the WTO. This National Standard, along with other standards published in GAIN Reports CH8097-CH8105, is being published so that GB 1353—2007 "National Standard for Corn" TBT/N/CHN/403 and GB-1532-2006 "National Standard for Soybeans" TBT/N/CHN/402 can be reviewed with this additional pertinent information.

Thanks go to the United States Soybean Export Council – International Marketing and the U.S. Grains Council for their support in translating this measure.

**BEGIN TRANSLATION**

**National Standard of the People’s Republic of China**

**Inspection of Grain and Oilseeds**

**Methods for Determination of Test Weight**

**GB/T 5498-85**

??

This standard is applicable to determination of the test weight of commodity grain and oilseeds.

**1 Instruments and Apparatus**

- 1.1 HGT 01000 test weight apparatus (Type 61-71 test weight apparatus fitted with a special bottom plate);
- 1.2 Balance: Sensitivity, 0.1g;

1.3 Grain sieve: Sieves used for different grains are stipulated as follows:

Wheat: 4.5mm upper sieve; 1.5mm lower sieve;

Sorghum: 4.0mm upper sieve; 2.0mm lower sieve;

Millet: 4.5mm upper sieve; 1.2mm lower sieve.

**2 Preparation of Test Sample**

Collect about 1000g from the average sample as the test sample, and filter the sample several times through the sieves as specified in 1.3. And then take those remained in the lower sieve and mix them evenly before they can be used as the test sample for determining test weight.

**3 Installation of Test Weight Apparatus**

3.1 Unpack the apparatus box, take out all parts, and cover the box.

3.2 Erect the column on the socket of the box cover, fix the beam support on the column and fixed with screws, and subsequently erect the unequal-arm twin beam on the beam support.

3.3 Hang a measuring cylinder with the exhaust poise inside to a hoist ring, move both the big and small floating poise to the zero point and check its zero point under no load. If the system is not balanced, adjust the adjustment poise until balanced.

3.4 Remove the measuring cylinder, pour out the exhaust poise, and install the measuring cylinder on the base of the iron plate. Subsequently, insert a plate into the cylinder, place the exhaust poise on the said plate and then have the measuring cylinder sleeved with the intermediate cylinder.

3.5 Pour the prepared test sample into the grain cylinder and make it flat when it fills the entire cylinder. Subsequently, have the intermediate cylinder sleeved with the grain cylinder outside, turn on the switch of the funnel, and then turn off it after the test sample totally falls into the intermediate cylinder. While grasping the junction of the grain cylinder and the intermediate cylinder, draw out the plate slowly to make the test sample and the exhaust poise fall into the measuring cylinder together. Insert the plate into the breach slot accurately, and take down the grain cylinder. Take the intermediate cylinder and the measuring cylinder; pour off the test sample left on the plate, and draw out the plate. Finally, hang the measuring cylinder on the hoisting ring to weigh.

The allowable deviation of the dual test results shall not exceed 3g/l. Figure out their mean value, which will be considered as the test result.

????????????

This standard was proposed by the Ministry of Commerce of the People's Republic of China. This standard was drafted by the Grain Storage and Transport Bureau, the Ministry of Commerce, P.R.C.

Major draftsmen of this standard are Gao Xiuwu, Yang Haoran, Wu Yanxia and Lv Guifen.

??

Issued by the Standardization Administration of P.R.C. on Nov.2, 1985/Implemented on July 1, 1986