

ICS 67.080.01

CCS B31



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

GB 16715.5-2010

Seed of gourd and vegetable crops Part 5: Leaf vegetables

瓜菜作物种子 第5部分：绿叶菜类

Issued on: January 14, 2011

Implemented on: January 1, 2012

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

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Foreword

All technical content in this Part of GB 16715 is mandatory. GB 16715 "melon seeds" into the following sections.

- Part 1. melons;
- Part 2. cabbage;
- Part 3. Eggplant;
- Part 4. cabbage;
- Part 5. green leafy vegetables; This section GB 16715 Part 5. This Part replaces GB 16715.5-1999 "leafy vegetables crop seeds." This section compared with GB 16715.5-1999, the main changes are as follows:
 - Clear scope;
 - Revised definitions and terminology;
 - Modify the original celery seed germination percentage and field requirements for species;
 - Modify the field with the purity requirements of celery seed;
 - Amend the purity requirements spinach field with the species;
 - Modify the original species of lettuce and field requirements for clarity species;
 - Cancel the packaging, transportation, storage of reference provisions;
 - Revised inspection rules. This section proposed by the People's Republic of China Ministry of Agriculture. This part of the National Standardization Technical Committee of Crop Seeds (SAC/TC37) centralized. This section was drafted by: National Agricultural

Technology Extension Service Center, Ministry of Agriculture Crop Seed Quality Supervision and Testing Center (Taiyuan), Ministry of Agriculture Crop Seed Quality Supervision and Testing Center (Xi'an), Sichuan seed station, Jiangsu seed management station. The main drafters of this section. forest exhibition, Wang Yuan Rong, Zhao Jianzong, Yuyou Hai, Wu Yuqian, Fang Mingkui. This part of the standard replaces the previous editions are.

1 Scope

Part 5 of China's mandatory national standard for vegetable seed, covering leaf vegetables. The group takes in lettuce, spinach, celery, amaranth and the other crops harvested for their foliage, and its seed has a characteristic the fruiting vegetables do not share: it is often small, short-lived and prone to dormancy. Lettuce seed will not germinate above a certain temperature, spinach seed loses viability in a year or two in ordinary storage, and celery seed germinates slowly and unevenly at the best of times. That makes the germination guarantee and the moisture limit the operative parts of the standard for this group, because they are what determine whether a lot still performs when it reaches the grower. The standard sets the grades and the minima for varietal purity, germination, cleanliness and moisture, with the sampling and the test methods.

GB 16715 of the provisions of this part of celery (*ApiumGraveolens*L.), Spinach (*Spinaciaoleracea* L.), lettuce Quality (*Lactucasativa*L.) Seed requirements, test methods and inspection rules. This Part applies to the production of People's Republic of China, said sales of green leafy seeds including capsuled seeds and non-coated seeds.

2 Normative references

The following documents contain provisions which, through reference in this Part of

GB 16715, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section. Inspection of

GB/T 3543 (all parts) crop seeds

GB 20464 General labeling of agricultural seeds

3 Terms and Definitions

The following terms and definitions apply to this part of GB 16715.

3.1 Stock basicseed Breeder seed multiplication with the first generation to the third generation, seeds and confirmed to meet the specified quality requirements.

3.2 Field with the kind qualifiedseed With the original breeder of the first generation to the third generation or hybrid seeds, seeds and confirmed to meet the specified quality requirements.

4 Quality requirements

4.1 General Seed quality requirements by the quality indicators and quality stated values. The quality indexes include purity, clarity, germination rate and moisture; quality standards NOTE value should be true, and in accordance with the provisions of 4.2.

4.2 Quality Standards

4.2.1 celery Celery seeds shall meet the minimum requirements of Table 1. Table 1 % Type the name of the seed crop Varietal purity not lower than Clarity (pure seeds) not lower than Germination rate not lower than Water not higher than celery Stock

99.0 With the kind of field 93.0 95.0 70 8.0

4.2.2 spinach Spinach seeds shall meet the minimum requirements in Table 2. Table 2 % Type the name of the seed crop Varietal purity not lower than Clarity (pure seeds) not lower than Germination rate not lower than Water not higher than spinach Stock

99.0 With the kind of field 95.0 97.0 70 10.0

4.2.3 lettuce Lettuce seeds shall meet the minimum requirements in Table 3. table 3 % Type the name of the seed crop Varietal purity not lower than Clarity (pure seeds) not lower than Germination rate not lower than Water not higher than lettuce Stock

99.0 With the kind of field 95.0 98.0 80 7.0

Clarity analysis, germination test, moisture determination, authenticity and varietal purity testing should implement the provisions of GB/T 3543's.

6 Inspection rules

6.1 for sampling OK for sampling methods and seed lot shall implement the provisions of GB/T 3543's.

6.2 Quality judgment rules Quality judgment rules shall implement the provisions of GB 20464.