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

GB 16715.2-2010

Seed of gourd and vegetable Part 2: Chinese cabbage

瓜菜作物种子 第2部分：白菜类

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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 2. This Part replaces GB 16715.2-1999 "Seeds of vegetables cabbage class." This section compared with GB 16715.2-1999, the main changes are as follows:
 - Revised terms and definitions;
 - Modify settle purity conventional Brassica species;
 - Modifications taking parental Brassica germination rate requirement;
 - Cancellation taking Chinese cabbage hybrid quality grading;
 - Modified Brassica conventional seed purity requirements;
 - 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 (Jinan), Beijing Seed Management Station, Vegetable Research Center, Beijing Academy of Agriculture and Forestry, Henan seed management station, Liaoning Provincial Administration of seed, seed Sichuan Sub-station. The main

drafters of this section. Liang Zhijie, Wang Guie, Jiayi Hai, gold stone bridge, Zhan root India, Shiu-Ching Lee, Xiao Guofeng, Gao Hong. This part of the standard replaces the previous editions are.

--- GB 8079-1987;

1 Scope

Part 2 of China's mandatory national standard for vegetable seed, covering Chinese cabbage. Chinese cabbage is among the most widely grown vegetables in China and the one that fills the winter store across the north, which makes the quality of its seed a matter of national supply rather than of a single grower's season. The crop is also mostly grown from hybrid seed, and that is where varietal purity becomes decisive: a hybrid lot contaminated with selfed or off-type seed produces plants that do not head uniformly, and a field that matures unevenly cannot be harvested in one pass. The standard sets the guaranteed minima for varietal purity, germination, cleanliness and moisture, with the grades that separate breeder, foundation and certified seed, and specifies the sampling and the test methods by which a lot is judged.

This part of the provisions of GB 16715-taking Chinese cabbage [*Brassicacampestris*L.ssp.pekinensis (Lour) .Olsson], not Chinese cabbage [*Brassicacampestris*L.ssp.Chinensis (L.) Makino.] Seed quality requirements, test methods and testing rule. This Part applies to the production of People's Republic of China, said sales of Chinese cabbage 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 qualified seed 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 Cabbage seeds shall meet the minimum requirements in Table 1. Table 1 % Crop variety Seed classification Varietal purity not lower than Clarity (pure seeds) not lower than Germination rate not lower than Water not higher than Chinese cabbage General species Stock

99.0 With the kind of field 96.0 98.0 85

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.

7.0 Hybrid seed field with 85 96.0 98.0

7.0 TABLE 1 (cont.) % Crop variety Seed classification Varietal purity not lower than Clarity (pure seeds) not lower than Germination rate not lower than Water not higher than Brassica species routine Stock

99.0 With the kind of field 96.0 98.0 85 7.0

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