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

GB 16715.4-2010

Seeds of gourd and vegetable Part 4: Cole

瓜菜作物种子 第4部分：甘蓝类

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Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Quality requirements
- 6 Inspection rules
- 7.0 Hybrid seed field with 80 96.0 99.0

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 4. This Part replaces GB 16715.4-1999 "Seeds of vegetables cabbage." This section compared with GB 16715.4-1999, the main changes are as follows:
 - Revised definitions and terminology;
 - Canceled cabbage hybrid seed quality rating;
 - Revised net requirement of conventional cabbage field with the original species and species of clarity, purity requirements;
 - Modify the parent stock and cabbage field with clarity species, germination rate requirement;
 - Modified hybrid cabbage field with the kind of purity, clarity, germination rate requirement;
 - Modify the original species and kohlrabi conventional field with the kind of purity and cleanliness 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, Seed Management Station of Hebei Province, Jiangsu Province, seed management station, Tianjin species Sub-station, the Heilongjiang Provincial Administration of seeds, crop seeds Ministry of Agriculture Quality Supervision and Testing Center (Taiyuan). The main drafters of this section. branch giant vibration, Liu Yuxin, hair from Asia, Li Qi, Liu, Yang Jun, Meng Hui. This part of the standard replaces the previous editions are.

1 Scope

Part 4 of China's mandatory national standard for vegetable seed, covering cole crops. The group is the brassicas grown for the head and the flower - cabbage, cauliflower, broccoli, kohlrabi - and it presents the seed trade with a difficulty the other vegetable families do not: the species interbreed freely, so a cauliflower seed crop grown within pollination distance of a cabbage crop produces seed that will not be either. That is why isolation distance is part of seed production and why varietal purity is the guarantee the standard leans on hardest. The group is also almost entirely hybrid, produced through self-incompatibility or male sterility, and a breakdown in either shows up as selfed plants in the customer's field. 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 the cabbage (*BrassicaoleraceaL.var.capitataL.*), Kohlrabi (*Brassica deraceaL.var.capitataDC.*), broccoli (*BrassicaoleraceaL.var.botrytisL.*) seed quality requirements, the inspecting Party Method and inspection rules. This Part applies to the production of People's Republic of China, said sales of 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 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 Cabbage seeds shall meet the minimum quality requirements 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 Cabbage General species Stock

99.0 With the kind of field 96.0 99.0 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 80 96.0 99.0

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 Kohlrabi Stock

98.0 With the kind of field 96.0 99.0 85

7.0 cauliflower Stock

99.0 With the kind of field 96.0 98.0 85 7.0

Clarity analysis, germination test, moisture determination, authenticity and variety identification shall implement the provisions of GB/T 3543's.