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

GB/T 12994-2008

Replacing GB/T 12994-1991

Seed processing machinery - Terminology

种子加工机械 术语

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Foreword

This standard is GB/T 12994-1991 "seed processing machinery term" amendment. This standard compared with GB/T 12994-1991 main changes are as follows:

--- Dried seed, pre-seed processing, seed cleaning, seed storage, seed net, shake cleaning machine, punching sieve, sieve weaving, welding wire Screen, the standard definition of crop seeds were modified;

--- Increased natural drying, drying machinery, other plant seeds, impurities and other words;

--- Removed except (filter on) the hybrid screening, in addition to small-hybrid screen (at screening), is sorting, inverse (anti) sorting, monochrome photoelectric sorting machine, double Photoelectric color sorter, impurities other words. Since the implementation of this standard replaces GB/T 12994-1991. The standard proposed by China Machinery Industry Federation. This standard by the National Standardization Technical Committee (SAC/TC201) Agricultural machinery centralized. This standard was drafted. Chinese Academy of Agricultural Mechanization Sciences, China Agricultural University. The main drafters of this standard. Zhangting Ying, Wang Yuan. This standard replaces the standards previously issued as follows:

--- GB/T 12994-1991. The term seed processing machinery

1 Scope

GB/T 12994-2008 is the Chinese national standard on seed processing machinery - terminology, in the field of agriculture. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 9 July 2008 by the General Administration of Quality Supervision, Inspection

and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2009. Classification: ICS 65.060.99, CCS B91. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the terminology processing, seed processing equipment, spare parts, technical specifications and operating parameters related to seed processing machinery And definitions. This standard applies to crop seeds, tree seeds, grass seed processing machinery.

2 Processing section

2.1 From seed to harvest after planting carried out before the processing of the whole process. Including. drying, pre-processing, cleaning, grading, post-election Science, quantitative packaging, storage and so on.

2.2 Use various methods to reduce the moisture seed to reach the safe storage requirements process, to keep the seed germination ability and strong live force. Seed drying method of natural drying and mechanical drying points.

2.3 Drying method carried out in the atmosphere. By radiant heat of the sun or the nature of the wind, so that the material in the water to achieve the removal of water vaporization Objective points. Discharge without artificial heating and drying medium.

2.4 Natural forced air heating or air through the seed layer, the seed drying process.

2.5 Seed cleaning threshing advance, whichever seed, shelling, lint, except Mans, in addition to wings, in addition to a variety of operating bristles, cleaning, polishing and so on broken skin.

2.6 The process of seed and impurities, waste seed separation. Divided into early cleaning, basic cleaning, Featured.

2.7 The seed cleaning after their mutual differences between physical characteristics and dimensions of sorted into several tiers.

2.8 For the prevention and treatment of disease, pests and improve seed germination capacity and promote crop growth, development, and some special purpose in seed cleaning and processing After the various chemical, biological, physical (non-pure mechanical action) and other aspects of treatment. Near the sowing treatment, also known as pre-sowing treatment.

2.9 The seeds stored in different shelf life in the container or in the warehouse. Including temporary storage, short-term storage, interim storage and long-term storage (Gene pool

storage).

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