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LS

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

LS/T 3106-2020

Potato
(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009:

This standard replaces LS/T 3106-1985 "Potato (Potatoes, Potatoes)" Compared with LS/T 3106-1985, this standard has the following major technical changes except for editorial changes:

- Modified the scope of application (see Chapter 1, Chapter 1 of the 1985 edition);
- Modified terms and definitions (see Chapter 3, Chapter 2 of the 1985 edition);
- Modified potato classification and grade;
- Modified the potato quality index;
- Added potato judgment rules;
- Added potato labeling requirements;
- Modified the potato packaging requirements;
- Revised the potato storage requirements;
- Modified the potato transportation requirements;
- Appendix A of the standard adds inspection methods for potato impurities, intact tuber rate, and defective tuber rate;

Please note that certain contents of this document may involve patents: The issuing agency of this document is not responsible for identifying these patents:

This standard was proposed by the State Bureau of Grain and Material Reserves:

This standard is under the jurisdiction of the National Cereals and Oils Standardization Technical Committee (SAC/TC270):

Drafting organizations of this standard: Heilongjiang Provincial Grain and Oil Hygiene Inspection and Monitoring Center, National Grain and Material Reserve Bureau Standard Quality Center, Heilongjiang Keshan Branch of Provincial Academy of Agricultural

Sciences, Liaoning Provincial Grain and Oil Inspection and Monitoring Institute, Anshan Grain and Oil Quality Sanitation Monitoring Station, Kunming Grain, Oil and Feed Product Quality Quantity Inspection Center:

1 Scope

This standard specifies potato terms and definitions, potato grades, requirements, inspection methods, inspection rules, labeling, packaging, storage Storage and transportation requirements:

This standard applies to commodity potatoes purchased, stored, transported, processed and sold:

This standard does not apply to special varieties of potatoes other than those specified in this standard:

2 Normative references

The following documents are indispensable for the application of this document: For dated reference documents, only the dated version applies to this article Pieces: For undated references, the latest version (including all amendments) applies to this document:

GB/T 191 Packaging, Storage and Transportation Graphic Mark GB 2715 National Food Safety Standard Grain GB 2762 National Food Safety Standard Limits of Contaminants in Food GB 2763 National Food Safety Standard Maximum Residue Limits of Pesticides in Food GB/T 5490 General Rules for Grain and Oil Inspection GB 7718 National Food Safety Standard General Rules for the Labeling of Prepackaged Foods GB/T 17109 Grain sales packaging GB/T 22515-2008 Grain and oil terminology Grain, oilseeds and processed products JJF1070 Quantitative packaging product net content measurement inspection rules Measures for the Metrological Supervision and Administration of Quantitative Package Commodities (Order of the General Administration of Quality Supervision, Inspection and Quarantine [2005] No: 75)

3 Terms and definitions

The following terms and definitions apply to this document:

Also known as potato, ground egg, potato, solanaceae perennial herbaceous plant cultivated potato underground tuber: It is round, egg, oval, etc., with bud eyes, the epidermis is red, yellow, white or purple:

[GB/T 22515-2008, definition 2:2:5:19] 3.2 Perfecttuber Tubers that are intact, normal, and healed after minor abrasions or injuries:

Defective tuber

Tubers with external or internal defects and still worthy of use: