

ICS 65.080
CCS G 21



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

GB 21633-2008

Replacing GB/T 21633-2008

Bulk blending fertilizer

掺混肥料(BB肥)

(English Translation)

Issued on: November 19, 2020

Implemented on: June 1, 2021

Issued by: State Administration for Market Regulation

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Foreword

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

This standard replaces GB/T 21633-2008 "Blend Fertilizer (BB Fertilizer)", compared with GB/T 21633-2008, except for editorial changes in addition, the main technical changes are as follows.

- Modified the scope (see Chapter 1, Chapter 1 of the 2008 edition);
- Added the terms and definitions of middle element and trace element (see 3.5 and 3.6);
- Adjusted the particle size range and improved the particle size index (see Table 1, Table 1 of the 2008 edition); refined the chloride ions that indicate chlorine-containing products Content requirements and testing methods (see Table 1, 6.6, Table 1, 5.7 in the 2008 edition); adjusted the quality of the single nutrient Number indicators and detection methods (see Table 1, 6.7, Table 1, 5.8 in the 2008 edition);
- Increased the limit requirements for toxic and hazardous substances (see 4.3);
- Modify the element "sampling plan" to "sampling" (see Chapter 5, 2008 edition of 6.3 and 6.4);
- Added nutrient content determination methods for selection (see Chapter 6);
- Adjusted type inspection items and factory inspection items (see 7.1, 6.1 of the 2008 edition);
- Detailed product labeling regulations (see Chapter 7, Chapter 7 of the 2008 edition).

This standard was proposed by the China Petroleum and Chemical Industry Federation.

This standard is under the jurisdiction of the National Fertilizer and Soil Conditioner Standardization Technical Committee Phosphate and Compound Fertilizer Sub-Technical Committee (SAC/TC105/SC3).

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1 Scope

This standard specifies the terms and definitions, technical requirements, sampling, test methods, inspection rules, labels and quality certificates of blended fertilizers (BB fertilizers) Instructions, packaging, transportation and storage.

This standard applies to mixed fertilizers (BB fertilizers) made by dry mixing methods with at least two of the three nutrients of nitrogen, phosphorus, and potassium.

It is applicable to slow-release and controlled-release blended fertilizers; this standard is also applicable to dry-mixed compound fertilizers with nitrogen and (or) phosphorus and (or) potassium fertilizer particles.

This standard does not apply to dry-mixed organic particles and (or) biological agent particles and (or) microelement particles on the basis of compound fertilizers.

product.

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 document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 6679-2003 General rules for sampling of solid chemical products GB/T 8170 Numerical rounding rules and the expression and determination of limit values GB/T 8569 Solid chemical fertilizer packaging GB/T 8572 Determination of total nitrogen content in compound fertilizers by titration method after distillation Determination of available phosphorus content in GB/T 8573 compound fertilizer GB/T 8574 Determination of potassium content in compound fertilizers. Potassium tetraphenylborate gravimetric method GB/T 8576 Determination of free water content in compound fertilizers Vacuum oven method GB/T 8577 Determination of free water content in compound fertilizers Karl Fischer method Determination of copper, iron, manganese, zinc, boron, and molybdenum content in GB/T 14540 compound fertilizer GB/T 15063-2020 compound fertilizer GB 18382 Fertilizer labeling content and requirements GB/T 18877-2020 Organic-inorganic compound fertilizer Determination of calcium, magnesium and sulfur content in GB/T 19203-2003 compound fertilizer GB/T 22923 Determination of Nitrogen, Phosphorus and Potassium in Fertilizers by Automatic Analyzer GB/T 24890 Determination of chloride ion content in compound fertilizer GB/T 24891 Determination of particle size of compound fertilizer GB/T 34764 Determination of copper, iron, manganese, zinc, boron and molybdenum content in fertilizers by plasma emission spectrometry GB 38400 Limit

requirements for toxic and hazardous substances in fertilizers NY/T 1117-2010
Determination of calcium, magnesium, sulfur and chlorine content in water-soluble
fertilizers NY/T 2540-2014 Determination of potassium content in fertilizers NY/T
2542-2014 Determination of total nitrogen content in fertilizers