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

GB 20686-2006

Replacing GB/T 20686-2006

Glyphosate water soluble powders (granules)

草甘膦可溶粉(粒)剂

(English Translation)

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Foreword

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

This standard replaces GB/T 20686-2006 "glyphosate soluble powder", compared with GB/T 20686-2006, in addition to editing the main technical changes are as follows.

The glyphosate mass fraction is changed from the specified labeling value to the specified specific value;

- increase the corresponding cation control index and analysis method;
- increase the nitrite glyphosate control index and the corresponding analysis method;
- increase glyphosate soluble granules dust control indicators and the corresponding analysis method;
- Eliminates pH control targets.

This standard is proposed by the China Petroleum and Chemical Industry Association.

This standard is nationalized by the National Pesticide Standardization Technical Committee (SAC/TC133).

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1 Scope

This standard specifies the requirements of the glyphosate soluble powder (granules), the acceptance of the test method, the warranty period and the marking, labeling, packaging and storage.

This standard applies to glyphosate from the original glyphosate or glyphosate soluble salts, carriers and suitable additives from the processing of glyphosate sodium salt, potassium, Ammonium salts, dimethylamine salts, isopropyl ammonium salt soluble powders and soluble granules.

Note: For other names, structural formulas and basic physicochemical parameters of glyphosate and nitroso glyphosate, see Appendix A.

2 Normative reference documents

The following documents are indispensable for the application of this document. For dated references, only the dated edition applies to this article Pieces. For undated references, the latest edition (including all modifications) applies to this document.

GB/T 685 Chemical reagents Formaldehyde solution Rules for the Acceptance of Agricultural Pesticides Methods of sampling pesticide for agricultural products GB/T 1605-2001 General rules for pesticide packaging Method for determination of wettability of pesticide wettable powder GB/T 5451 Analysis of laboratory water specifications and test methods GB/T 6682-2008 Representation and Judgment of Numerical Correction Rule and Limit Value in GB/T 8170-2008 Method for determination of stability of pesticide thermal stability GB/T 19136-2003 Method for determination of persistent foaming of pesticides GB/T Method for determination of granular pesticide dust GB/T 30360

3.1 Composition and appearance

This product should be prepared by the standard glyphosate original drug (or soluble salt), glyphosate soluble powder should be easy to flow of powder, glyphosate the granules should be easily flowable.

3.2 Technical indicators

Glyphosate sodium salt soluble powder should meet the requirements of Table 1, glyphosate potassium salt soluble powder should meet the requirements of Table 2, glyphosate ammonium salt soluble powder should meet the requirements of Table 3, glyphosate isopropylamine salt soluble powder should meet the requirements of Table 4, glyphosate sodium salt soluble granules should meet the requirements of Table 5, grass Glyphosate potassium salt soluble granules should meet the requirements of Table 6, glyphosate ammonium salt soluble granules should meet the requirements of Table 7, glyphosate dimethylamine salt soluble granules should in accordance with Table 8, glyphosate isopropylamine salt soluble granules should meet the requirements of Table 9.