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

GB/T 17980.2-2026

Replacing GB/T 17980.2-2000

**Pesticides - Guidelines for field efficacy trials - Part 2:
Insecticides against rice leaffolder**

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1. Structure and Drafting Rules of Standardization Documents". Drafting. This document is Part 2 of GB/T 17980, "Guidelines for Field Efficacy Testing of Pesticides". GB/T 17980 has already published the following... part.

- 1. Insecticide control of lepidopteran borers in rice;
- 2. Insecticide Control of Rice Leaf Roller;
- 3. Pesticide Control of Rice Leafhoppers; ...

---Part 149: Insecticides for the Control of Red Imported Fire Ants. This document supersedes GB/T 17980.2-2000 "Guidelines for Field Efficacy Tests of Pesticides (I) Insecticides for the Control of Rice Leaf Roller", and is consistent with... Compared with GB/T 17980.2-2000, apart from structural adjustments and editorial changes, the main technical changes are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2000 edition);
- b) The descriptions and requirements for the test subjects and crops have been revised (see 4.1, 2.1 of the.2000 edition);
- c) The description and requirements of environmental conditions have been revised (see 4.2, 2.2 of the.2000 edition);
- d) Added provisions for test treatment (see 5.1);

e) The requirements for test and control reagents have been changed (see 5.2, 3.1 of the 2000 edition);

1 Scope

GB/T 17980.2-2026 is the Chinese national standard covering field efficacy trials of insecticides against the rice leaffolder, one of the two or three insects that decide a Chinese rice yield. The guideline fixes the trial design and the plots, the timing and rate of application, the assessment of rolled leaves and larvae before and after treatment, the calculation of efficacy against the untreated control, and the phytotoxicity to be recorded. It replaces GB/T 17980.2-2000, one of the eight parts of GB/T 17980 revised together in this batch. It was issued on 27 February 2026 and has been in force since 1 September 2026, replacing GB/T 17980.2-2000. The document is under the responsibility of the Ministry of Agriculture and Rural Affairs. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures, limits and tables it contains are those of the document itself, delivered in full with the English translation.

This document describes the method for conducting field plot efficacy tests of insecticides for controlling rice leaf roller. implement.

2 Normative references

This document has no normative references.

3 Terms and Definitions

This document does not contain any terms or definitions that need to be defined.

4 Test conditions

4.1 Test subjects and crops The experimental subjects were rice leaf roller and rice leaf roller. The experimental crop is rice, and it is advisable to select a locally cultivated variety. Record the variety name.

4.2 Environmental Conditions The experimental site should be a representative paddy field susceptible to rice leaf roller damage. The crop varieties and cultivation conditions (soil) of all experimental plots should be specified. The types of fertilizers, cultivation methods, plant spacing, water depth, etc. should be uniform and consistent, and conform to local scientific agricultural practices.

5 Experimental Design and Arrangement

5.1 Test Treatment Test reagents, control reagents, and blank controls should be included.

5.2 Reagents

5.2.1 Test reagents The test reagent should be applied at least three times; in special cases, the dosage should be set according to experimental requirements. Specify the Chinese/English common name or code of the reagent. Dosage form, active ingredient content, manufacturer, production date or batch number, expiration date, etc.

5.2.2 Control reagent The control agent should be a registered, locally commonly used product with good efficacy and safety in actual use. The type and function of the control agent should be clearly defined.