

ICS 65.100
CCS B 17



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

GB/T 17980.30-2026

Replacing GB/T 17980.30-2000

**Pesticides - Guidelines for field efficacy trials - Part 30:
Fungicides against cucumber powdery mildew**

农药 田间药效试验准则 第30部分：杀菌剂防治黄瓜白粉病

Issued on: February 27, 2026

Implemented on: September 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Test conditions
- 5 Experimental Design and Arrangement
- 5.2 Reagents

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 30 of GB/T 17980, "Guidelines for Field Efficacy Tests of Pesticides". GB/T 17980 has already published the following... part.

1. Insecticide Control of Lepidoptera Boring Pests in Rice;

2. Insecticide Control of Rice Leaf Roller;

3. Pesticide Control of Rice Leafhoppers; ...

30. Fungicide Control of Powdery Mildew in Cucumbers; ...

---Part 149: Insecticides for the Control of Red Imported Fire Ants. This document supersedes GB/T 17980.30-2000 "Guidelines for Field Efficacy Tests of Pesticides (I) Control of Powdery Mildew in Cucumbers with Fungicides", and is consistent with... Compared with GB/T 17980.30-2000, 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 requirements for test conditions have been changed (see Chapter 4, Chapter 2 of the.2000 edition);
- c) Added requirements for experimental treatments and blank controls (see 5.1);
- d) The requirements for test and control reagents have been changed (see 5.2, 3.1 of the.2000 edition);
- e) Changes were made to cell arrangement, cell size, and duplication requirements (see

5.3,

3.2 of the 2000 edition);

1 Scope

GB/T 17980.30-2026 is the Chinese national standard covering trials against powdery mildew of cucumber - the disease that whitens a greenhouse crop within days and against which resistance appears faster than for almost any other pathogen. The guideline fixes the trial design and the plots, the timing and rate of application, the assessment of infected leaf area on tagged leaves, the calculation of efficacy against the untreated control and the phytotoxicity to be recorded. It replaces GB/T 17980.30-2000, one of the 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 17980.30-2000. 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.

The method of effective small-scale testing. This document applies to field efficacy plot trials and efficacy evaluations of fungicides for the control of cucumber powdery mildew, for registration purposes. Other field efficacy trials are also included. Follow the instructions.

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 Selection of test subjects, crops and varieties The test subject was powdery mildew. The experimental crop was cucumber, and susceptible varieties or locally grown varieties were selected. Variety names were recorded.

4.2 Environmental Conditions Field trials should be conducted in disease-prone areas. Cultivation conditions (soil type, fertilization, sowing/planting date, growth stage) should be considered for all trial plots. The spacing between crop plants and rows should be uniform and consistent with local scientific agricultural practices. If irrigation is used, record the method, time, and amount of water used. When applying fumigants, smoke agents, powders (spraying), or fogging agents in greenhouses, each treatment should be performed in a single greenhouse or the greenhouse should be tightly isolated. It is divided into several

communities.

5 Experimental Design and Arrangement

5.1 Test Treatment The following treatments should be set up. test reagent, control reagent, and blank control.

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.