

ICS 65.100
CCS B 17



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

GB/T 17980.28-2026

Replacing GB/T 17980.28-2000

**Pesticides - Guidelines for field efficacy trials - Part 28:
Fungicides against grey mould of vegetables**

农药 田间药效试验准则 第28部分：杀菌剂防治蔬菜灰霉病

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 28 of GB/T 17980, "Guidelines for Field Efficacy Tests of Pesticides". GB/T 17980 has 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;
- 28. Fungicides for the Control of Gray Mold in Vegetables;

---Part 149: Insecticides for the Control of Red Imported Fire Ants. This document replaces GB/T 17980.28-2000 "Guidelines for Field Efficacy Tests of Pesticides (I) Control of Gray Mold in Vegetables with Fungicides", and is consistent with... Compared with GB/T 17980.0-2000, 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 17980.28-2026 is the Chinese national standard covering trials against Botrytis grey mould on vegetables - the rot that appears in a humid greenhouse overnight and that has developed resistance to nearly every fungicide used against it. The guideline fixes the trial design and the plots, the timing and rate of application, the assessment of infected fruit and lesions before and after treatment, the calculation of efficacy against the untreated control, and the phytotoxicity to be recorded. It replaces GB/T 17980.28-2000, 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 17980.28-2000. 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 methods for field efficacy plot trials of fungicides for controlling gray mold in vegetables. These included tomatoes, cucumbers, green beans, and silkworms. Gray mold (*Botrytis* spp.) in beans, peas, and sweet peppers. This document applies to field efficacy plot trials and efficacy evaluations of fungicides used for the registration of fungicide control of gray mold in vegetables. Other field efficacy trials are subject to [reference needed]. 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 gray mold. The experimental crops were tomatoes, cucumbers, green beans, broad beans, peas, and bell peppers, using susceptible varieties or locally grown varieties. 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) for all experimental plots should be considered. The spacing between sections and rows of crops

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 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.