

ICS 65.100
CCS B 17



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

GB/T 17980.39-2026

Replacing GB/T 17980.39-2000

**Pesticides - Guidelines for field efficacy trials - Part 39:
Fungicides against storage diseases of citrus**

农药 田间药效试验准则 第39部分：杀菌剂防治柑橘贮藏病害

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

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 39 of GB/T 17980, "Guidelines for Field Efficacy Testing 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;

39. Fungicides for the Control of Storage Diseases in Citrus;

---Part 149: Insecticides for the Control of Red Imported Fire Ants. This document replaces GB/T 17980.39-2000 "Guidelines for Field Efficacy Testing of Pesticides (I) - Control of Citrus Storage Diseases by Fungicides". Compared with GB/T 17980.39-2000, the main technical changes in the "Harmful Elements" standard, apart from structural adjustments and editorial modifications, are as follows:

- a) The scope of application has been changed (see Chapter 1, Chapter 1 of the.2000 edition);
- b) The test conditions were 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 17980.39-2026 is the Chinese national standard covering trials of post-harvest fungicides on citrus - the green and blue moulds and stem-end rots that appear weeks after picking, so the trial runs in the store and not in the orchard. The guideline fixes the trial design and the plots, the timing and rate of application, the assessment of decayed fruit at intervals through storage, the calculation of efficacy against the untreated control and the phytotoxicity to be recorded. It replaces GB/T 17980.39-2000, 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 17980.39-2000. 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 testing the efficacy of fungicides in controlling citrus storage diseases. This includes testing for *Penicillium* mold. *Phomopsis* citri, citrus sour rot (*Geotrichum* citri-aurantii), etc. This document applies to the registration and efficacy testing and evaluation of fungicides used for the control of citrus storage diseases during the citrus warehouse storage period. Other efficacy tests... The verification shall be carried out in accordance with the reference.

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 subjects of the experiment were diseases affecting citrus fruits during storage. The experimental crop was citrus fruit after harvest, and citrus varieties susceptible to diseases during storage or locally grown varieties were selected. (Records kept) Type name.

4.2 Environmental Conditions The fruits used in the experiment should come from the same source, and their size and varietal characteristics should be similar. Fruits with blemishes or mechanical damage should be removed. Wash the fruit and set aside for further processing. During the experiment, the storage conditions for the experimental fruits should be consistent; under refrigeration, the characteristics of the variety should be considered to

maintain the most suitable storage conditions. state. The trials can be conducted in different regions and seasons (autumn, winter, summer), and can also be performed on multiple varieties in different years. Fruits treated differently should be stored separately.

5 Experimental Design and Arrangement

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

chinastandards.org · PREVIEW