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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 44611-2024

Code of practice for the detection of pests in the growing medium

栽培介质有害生物检测规程

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1.Structure and drafting rules for standardization documents" Drafting is required. Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents. This document was proposed and coordinated by the National Technical Committee on Plant Quarantine Standardization (SAC/TC 271). This document was drafted by: China Institute of Inspection and Quarantine, Ningbo Customs Technology Center, Suzhou Jingrui Biotechnology Co., Ltd., Manzhouli Customs, Ningxia Hui Autonomous Region Agricultural Technology Extension Center, Fuzhou Customs Technology Center, Shandong University.

The main drafters of this document are. Tian Qian, Gu Jianfeng, Duan Weijun, Wu Yao, Liu Weiqi, Li Qiushi, Xu Han, Du Wei, Yu Wentao, Zhang Wei. Procedure for detection of harmful organisms in cultivation media

1 Scope

GB/T 44611-2024 is the Chinese code of practice for detecting pests in growing media. Peat, coir, bark and rock wool move internationally in enormous volume, often accompanying live plants, and they are one of the least watched pathways for quarantine organisms: a medium is bulk material that looks inert, but it can carry nematodes, soil-borne pathogens, insect eggs, snails and viable weed seed. The standard sets out the basic information to be established about the medium, the testing procedure, the detection targets and the basis for testing, the on-site inspection, and the laboratory testing, which is given separately for insects and molluscs, nematodes, plant pathogenic fungi, plant pathogenic bacteria and weeds, followed by the test result report, with annexes on the flotation separation and modified funnel extraction methods. It takes effect on 1 April 2025.

This document provides basic information on cultivation media, establishes the procedures for detecting pests in cultivation media, and stipulates the determination and The process of selecting the test basis, on-site inspection, laboratory testing, issuing the test result report and comprehensive judgment describes the record and preservation method of confirmation. This document applies to the detection and identification of harmful organisms in cultivation media for import, export and domestic production and circulation.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies. in this document.

GB/T 20478 Plant quarantine terms SN/T 1848 Specification for identification of plant pests

3 Terms and definitions

The terms and definitions defined in GB/T 20478 and the following apply to this document.

3.1 Growing medium Any substance in which the roots of plants grow, or which can be used for this purpose.

4 Basic information of cultivation medium

There are many types of cultivation media, which are generally divided into two categories.

inorganic media and organic media. Inorganic media include sand, slag, slag, boiling Stone, calcined clay, ceramsite, vermiculite, perlite, rock wool, pumice, schist, volcanic rock, foam plastic, etc.; media derived from organic matter It is called organic medium, including peat, bark, wood chips, rice husk, sludge, peanut shell, bagasse, garbage compost, cottonseed hull, etc. The texture is generally a mixture of one or more of the above ingredients. The common components of cultivation media and the common combinations of plants and cultivation media for cross-border transportation are shown in the appendix of GB/T 43164-2023. A and Appendix C.

5.Testing procedures The flow chart of the pest detection procedure for cultivation media is shown in Figure 1.