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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3753-2013

Detection and identification of Pseudopezicula tracheiphila(Muller-Thurgau)Korf et Zhuang

葡萄角斑叶焦病菌检疫鉴定方法

(English Translation)

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Preview: page 1 of 3 shown, 9 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword

1 Scope

2 Corner spot grape leaf scorch germs basic information

3 PRINCIPLE OF THE METHOD

4 Equipment and Reagents

4.1 Equipment

4.2 Reagents

5.1 Symptom Check

5.2 Staining

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard is proposed and managed by the National Certification and Accreditation Administration Committee.

This standard was drafted. People's Republic of China Ningbo Exit Inspection and Quarantine, Chinese Academy of Inspection and Quarantine.

1 Scope

This standard specifies the morphological identification of quarantine grape leaf scorch corner spot pathogens on grapes and other host plants.

This standard applies to quarantine and identification of grape leaf scorch corner spot pathogen.

2 Corner spot grape leaf scorch germs basic information

Scientific name. Pseudopeziculatracheiphila (Müler-Thurgau) KorfetZhuang (1986) Formerly known as. Pseudopezizatracheiphila Mül.-Thurg (1903) Anamorph. Phialophoratracheiphila (Sacc.

Taxonomic position. Fungi (Fungi), Ascomycota (Ascomycota), hammer tongue Proteobacteria (Leotiomycetes), flexible membrane bacteria mesh (Helotia-les), flexible membrane bacteria Branch (Helotiaceae), sessile species disc (Pseudopezicula).

Transmission. the bacteria can be wind, rain, insects and field operations spread Essay ear

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disease leaves and long distance transmission.

Other information contained in the bacteria in Appendix A.

3 PRINCIPLE OF THE METHOD

To cultivate traits grape leaf scorch corner spot pathogenic bacteria and morphological characteristics as the basis for identification.

4.1 Equipment

Biological microscope, clean benches, autoclaves, bio-incubator, paper, hand-held magnifying glass petri dishes, beakers, tweezers, scissors, contained Slides, cover glass, graduated cylinder, straw, paper, alcohol lamp.

4.2 Reagents

Unless otherwise specified, all reagents were of analytical grade. Malt extract, agar, sodium hypochlorite, sterile water, potassium hydroxide, trichloroacetic acid, iodide Potassium, iodine, distilled water.

Identify bacteria 5

5.1 Symptom Check

Picked diseased plants were observed. Disease symptoms described in Appendix A.

5.2.1 Agent

Meirui Shi agent (Melzer'sreagent). TCA weighed 100g, potassium iodide 5g, iodine 5g, add distilled water volume to 100mL

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