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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3751-2013

Detection and identification of Neofabraea malicorticis H.S.Jacks

苹果树炭疽病菌检疫鉴定方法

(English Translation)

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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, Shenzhen CIQ, Shenzhen Inspection and Quarantine Science Research Institute, the Chinese people Republic Xiamen Entry-Exit Inspection and Quarantine of Guangdong People's Republic of China.

1 Scope

This standard specifies the method for inspection and identification of apple trees anthrax bacterium.

This standard applies to apple trees anthrax bacteria carrying host quarantine and identification of apple anthracnose pathogen.

2 Basic Information

Chinese name. apple anthracnose fungus Name. NeofabraeamalicorticisH.Jacks Synonyms. Peziculamalicorticis (H.Jacks) Nannf, Cryptosporiopsismalicorticis (Cordley) Nannf,.

CryptosporiopsiscurvisporaPeck, GloeosporiummalicoticisCordley, MacrophomacurvisporaPeck, Macrophomacurvispora (Peck) Gremmen, Myxosporiumcurvisporum (Peck) Sacc.

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English name. Bul'seyerotofapple, Anthracnoseonappletree, Anthracnosecankeronappletree Taxonomic position. Fungi (Fung), Ascomycota (Ascomycota), disc cotina (Pezizomycotina), hammer tongue Proteobacteria (Leotio-mycetes), hammer tongue bacteria subclass (Leotiomycetidae), flexible membrane bacteria mesh (Helotiales), leather pezizaceae (Dermataceae), bright disc of the genus Alternaria (Neofabraea).

Approximate species. apple perennial canker (N.perennansKienholz).

For additional information, see Appendix A. apple trees anthrax bacteria

3 PRINCIPLE OF THE METHOD

Morphological characteristics and cultural characteristics of apple trees anthrax bacteria is the main basis for the development of this standard.

4.1 Instrument

Stereo microscope, biological microscope, clean benches, biological incubator, electronic scales (sense of volume 0.01g), autoclaves, conventional refrigerator (-20 °C).

4.2 Appliances

Sample bags, labels, magnifying glass, Petri dishes, beakers, flasks, test tubes, measuring slides, cover slips, tweezers, scissors, scalpels, then Kinds of needles, cotton yarn, cotton, alcohol lamp.

5.1 Reagents

Potato, dextrose, oats, malt extract, agar, lactic acid, ethanol, 75% ethanol.

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