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INDUSTRY STANDARD OF THE

PEOPLE'S REPUBLIC OF CHINA

SN/T 3289-2012

Detection and identification of Diaporthe perniciosa Marchal and E.J.Marchal

苹果果腐病菌检疫鉴定方法

(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 Guangdong Entry-Exit Inspection and Quarantine Jiaxing People's Republic of China Bureau, the Shenzhen People's Republic of China Entry-Exit Inspection and Quarantine Yantai People's Republic of China.

1 Scope

This standard specifies the apple fruit rot pathogen (Diaporthe perniciosa Marchal this standard applies to quarantine and identification of the relevant host seedlings and fresh fruit apple fruit rot bacteria.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

SN/T 1538.1 media preparation Guide - Part 1. General laboratory quality assurance prepared medium SN/T 2077 Apple's entry and exit quarantine rules

3 Terms and Definitions

The following terms and definitions apply to this document 3.1 Fruiting body Asexual or sexual reproduction, simple or complex structure fungal spore structures, collectively known as the fruiting body.

Stroma

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Organization formed by fungi, spores can produce a mat-like reproductive organs or tissue-like head.

Perithecium perithecia Ascomycotina formation of a fungus produces ascospores, coated with a fixed orifice fruiting bodies (ascus fruit).

Pycnidia

Half is known a fungus fruiting bodies of fungi Sphaeropsidales formation, similar ascomycetes perithecia, bottle-shaped or spherical, but produce spores.

alpha-type, beta-type conidia alphaconidia, betaconidia Phomopsis genus (Phomopsissp.) Pycnidia produced two types of spores, alpha-type spores oval to spinning Hammer, can germinate, beta is a linear-type spores can not germinate.

Conidia angle cirrus Gush from the large number of mature pycnidia spores, was viscous heap.

4 Quarantine and identification principles

Apple fruit rot bacteria classification, distribution and host in Appendix A. Both its branches in the orchard damage branches, but also post-harvest damage fruit, cited

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