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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3434-2012

Detection and identification of Hypoxylon mammatum(Wahlenberg)J.Miller

杨树炭团溃疡病菌检疫鉴定方法

(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 Shandong CIQ.

1 Scope

This standard specifies the entry and exit of seeds, wood and charcoal poplar wood packaging quarantine group canker quarantine and identification methods.

This standard applies to the entry and exit of plants and their products in the group charcoal poplar canker quarantine and identification.

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 1157 export plant seedlings quarantine rules

3 Charcoal poplar canker group's information

Scientific name. Hypoxylonmammatum (Wahlenberg) J.Miler Synonyms. Hypoxylonpruinatum (Klotzsch) Cooke; Entoleucamammata; Sphaeriamammata;

Nemaniamammata; Sphaeriapruinata; Roselliniapruinata; Hypoxylonpauperatum; Anthostoma morsei; Hypoxylon morsei; Hypoxylon blakei; Anthostoma blakei; Hypoxylon

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holwayi;

Fuckeliamorsei

Common name. Blackstemcanker Taxonomic position. Ascomycota (Ascomycota), Ascomycetes (Ascomycetes), Xylaria mesh (Xylariales), Xylaria Branch (Xylariaceae), carbon group genus (Hypoxylon).

Transmission. charcoal poplar canker is primarily a group of air-borne diseases. It can be spread by wind, rain, insects, pruning tools.

Mission charcoal poplar canker For additional information, see Appendix A.

4 Principle of the method

According charcoal poplar canker group of morphological characteristics of symptoms of pathogenic bacteria were measured by the identification and quarantine results determined.

5 Apparatus and appliances

Clean Bench, biological incubator, fluorescence microscope, centrifuge, vortex, a biological microscope, stereo microscope, light incubator, autoclave Control and other routine laboratory equipment and apparatus.

6 Medium and reagent Drugs

NA medium, 2% sodium hypochlorite or 75% ethanol, mannitol, 6- benzylaminopurine (6-BA), 2,4- dichlorophenoxyacetic acid (2,4-D), Indole-3-butyric acid (IBA), modified B5 medium, WPM medium or the like.

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