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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3755-2013

Detection and identification of Phoma pinodella(L.K.Jones)Morgan-jONES and K.B.Burch

豌豆脚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.

Please note that some of the content of this document may involve patents. Distribution of this document Institutions do not assume the responsibility to identify these patents.

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

This standard was drafted. Chinese Academy of Inspection and Quarantine.

1 Scope

This standard specifies the phytosanitary foot rot in peas germs [Phomapinodella (LKJones) Morgan-Jones Quarantine and identification methods.

This standard applies to pea root rot bacteria from infected areas pins all host plants, stems, leaves and seeds of peas foot rot pathogen detection Phytophthora 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 2122 entry and exit quarantine of plants and plant products sampled

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3 Peas foot rot pathogen basic information

Name. Phomapinodella Synonyms. Ascochytapinodella; Phomatrifolii; Phoma medicaginisvar.pinodella; Peyronellaea pinodella; Ascochytasojicola; Phomasojicola; Ascochytasojicola; Phomatrifolii Taxonomic position. Fungi (Fungi), Ascomycota (Ascomycota), Ascomycetes (Ascomycetes), between the seat shell mesh (Dia-porthales), black bean curd cupreum Branch (Valsaceae).

Transmission. mycelium, spores or spores is transported with the seed or plant residues of long-distance transmission.

For additional information, see Appendix A. peas foot rot bacteria

4 Principle of the method

Host of symptoms, characteristics and colony morphology peas foot rot bacteria is that the bacteria quarantine and identification basis.

5.1 Media and Reagents

Malt extract agar MA (malt extract 25g, agar 17g ~ 20g, water 1000mL), oatmeal agar OA (Oatmeal Flour 30g, agar 17g ~ 20g, water 1000mL), 1% sodium hypochlorite, sterile water, 75% ethanol.

5.2 Instruments and equipment

Stereo microscope, biological microscope (with oil immersion and micrometer), electronic analytical balance (inductance 0.001g), general balance (inductance 0.1g), Clean benches, biological incubators, autoclaves.

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