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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3892-2014

Detection and identification of Stagonospora avenae Bissett f.sp.triticea T.Johnson

麦类壳多胞斑点病菌检疫鉴定方法

(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. People's Republic of China Shandong Entry Inspection and Quarantine Bureau, People's Republic of China Jiangsu Entry-Exit Inspection and Quarantine Bureau.

1 Scope

This standard specifies the wheat shell Polytopic Phytophthora syringae pv identification methods.

This standard applies to the entry and exit of wheat, barley and rye seeds, tissue culture of wheat shell Polytopic spots identified 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 1809 export plant quarantine rules for seed

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3 Basic information of germs

Name. StagonosporaavenaeBissettf.sp.triticeaT.Johnson; Phaeosphaeriaavenariaf.sp.triticea TWJohnson1947 (Sexuality).

Synonyms. SeptoriaavenaeA.B.Frankf.sp.Triticea; LeptosphaeviaavenariaG.F.Weberf.sp.triticea (Sexuality).

Taxonomic position. wheat shell Polytopic syringae pv (StagonosporaavenaeBissettf.sp.triticeaT.Johnson) anamorph belongs Deuteromycetes Amon (Deuteromycotina), cavity Proteobacteria (Coelomycetes), Sphaeropsidales (Sphaeropsidales), chitin Alternaria (Stagonospora); Sexuality genus Ascomycota (Ascomycota), seat bag Proteobacteria (Dothideomycetes), Alternaria mesh (Pleospora-les), Phaeosphaeria spp.

Transmission. plant residues and seeds is the main way long-distance transmission.

For additional information, see Appendix A. germs

4 Principle of the method

Wheat shell polytope syringae pv morphological and biological characteristics, host range is based primarily on the identification of quarantine determination.

5.1 Equipment

Microscope (with oil immersion lens), with the transmission of light stereo microscope (maximum magnification of not less than 50 x), clean table, electric Sub-balance, light incubator, alcohol lamps, autoclaves, Petri dishes (diameter 9cm), medical scissors, tweezers, beakers (5mL, 10 mL), the tube (diameter 12mm), slides, cover slips, flask (250mL), cylinder (500mL).

5.2 Reagents

Distilled water, 1% sodium hypochlorite, PDA medium, water, agar, malt agar medium, yeast extract agar medium, Wheat flour agar recipe see Appendix B.

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