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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3429-2012

Detection and identification of Puccinia pelargonii-zonalis Doidge

天竺葵锈病菌检疫鉴定方法

(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, Ningbo Entry-Exit Inspection and Quarantine Yunnan People's Republic of China.

1 Scope

This standard specifies the geranium rust (Pucciniapelargonii-zonalisDoidge) quarantine identification methods, in the form of features, Geographical distribution, host range is based on clear symptoms observed, microscopy, culture and moisturizing pathogens preservation methods.

This standard applies to geranium rust associated host (see Appendix A) seedlings, cuttings and other plant material geranium rust pathogen detection Mortem 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 Principle 3

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3.1 Taxonomic status

Name. Pucciniapelargonii-zonalisDoidge1926.

Chinese name. geranium rust.

Alias. horseshoe geranium grain Puccinia.

Genus Geranium Rust Fungi (Fungi), Basidiomycota (Basidiomycota), Basidiomycetes (Basidiomycetes), Uredinales (Uredinales), Puccinia Branch (Pucciniaceae), Puccinia (Puccinia).

Geographic distribution and host See Appendix A.

3.2 Based quarantine and identification

In bacteria characteristic symptoms on the host, pathogen morphological characteristics as the basis for quarantine and identification of geranium rust.

4 Equipment

Stereo microscope, biological microscopes, autoclaves, artificial climate chamber, hand-held magnifiers, dissecting needle, slides, cover slips.

5 Reagents

Milk phenol oil or 80% (volume fraction) lactic acid.

6 Sampling

Port of entry inspection when geranium genus, according to SN/T 1157 Dui pelargonium seedlings sampling and sampling.

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