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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3684-2013

Detection and identification of Protomyces macrosporus Unger

香菜茎瘿病菌检疫鉴定方法

(English Translation)

Issued on: August 30, 2013 **Implemented on: March 1, 2014**

Issued by: General Administration of Customs

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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. Tianjin People's Republic of China Exit Inspection and Quarantine.

1 Scope

This standard specifies the parsley stems gall bacteria (ProtomycesmacrosporusUnger) quarantine and identification methods.

This standard applies to umbelliferous genus coriander seeds and chrysanthemum families and other major host plants seedlings carrying fragrant parsley stems from gall PFA Vegetables stem gall quarantine and identification of 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 1157 export plant seedlings quarantine rules

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3 Parsley stems gall bacteria basic information

Name. ProtomycesmacrosporusUnger Taxonomic position. parsley stems gall bacteria fungi industry (Fungi), Ascomycota (Ascomycota), half ascomycetes subclass (Taphrinomy-cetidae), external capsule bacteria mesh (Taphrinales), atomic sac Branch (Protomycetaceae) bag original genus (Protomyces).

Transmission. the bacteria in the soil can be long-term survival, when the plant residues left over from the harvest field in the chlamydospores have become early times Infection source. Modes of transmission distance chlamydospores, resting spores as seeds, soil and plant residues spread.

For additional information, see Appendix A. parsley stems gall bacteria Principle 4 Pathogen host range (see Appendix A) and germs on host plants of the symptoms characteristic morphological features (see Appendix B) as Quarantine and identification based parsley stems gall bacteria.

5.1 Equipment

Stereo microscope, biological microscope, clean benches, biological incubator, electronic scales (sense of volume 0.01g), Autoclave.

5.2 Test device

Magnifying glass, sterilized Petri dish, flask, forceps, surgical scissors, scalpels, inoculating needle, cotton yarn, scalpel, alcohol lamp, label, slide the cover Slides and the like.

6.1 Reagents

Potato, dextrose, agar, streptomycin, 1.0% sodium hypochlorite (NaClO4), sterile water, ethanol.

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