Chinastandards.org

ICS 07.080
CCS B16

SN

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3288-2012

Quarantine and identifition of Phoma tracheiphila(Petri)L.A.Kantsch.et Gikaschvili

柠檬干枯病菌检疫鉴定方法

(English Translation)

Issued on: October 23, 2012 **Implemented on: May 1, 2013**

Issued by: General Administration of Customs

Preview: page 1 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3288-2012

Chinastandards.org

Table of Contents

Foreword
1 Scope
2 Lemon dry germs basic information
3 PRINCIPLE OF THE METHOD
4 Equipment and test device
4.1 Equipment
4.2 Test device
5 Reagents and culture medium
5.1 Reagents

Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

The standard reference to the Euro-Mediterranean Plant Protection Organization EPPOPM7/48 (2) "lemon dry bacteria diagnostic procedures" standard, the pictures are from the adoption procedures.

Please note that some of the content of this document may involve patents. Release mechanism of the present document does not assume responsibility for the identification of 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 Guangdong Entry-Exit-Entry Inspection and Hunan People's Republic of China Quarantine Bureau.

1 Scope

This standard specifies the quarantine and identification of lemon dry germs Phomatracheiphila (Petri) LAKantsch.etGikaschvili of method.

This standard applies to dried lemon from germs occur Region citrus host (citrusspp.) In dry lemon bacteria quarantine Identification.

Preview: page 2 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3288-2012

2 Lemon dry germs basic information

Scientific name. Phomatracheiphila (Petri) LAKantsch.etGikaschvili Synonyms. DeuterophomatracheiphilaPetri Bakerophomatracheiphila (Petri) Cif.

English name. Mavseccodiseaseofcitrus Taxonomic position. imperfect fungi Amon Deuteromycotina, Coelomycetes Coelomycetes, Sphaeropsidales Sphaeropsidales, spherical shell spore Section Sphaeropsidaceae, Phoma genus Phoma.

Host and Distribution. Appendix A.

Transmission. pathogens, mainly through the fruit with mycelium, the mycelium and fruiting plants with stems, branches for long-distance transmission, which Produced at the plant the appearance of the fruiting body can be visually observed.

3 PRINCIPLE OF THE METHOD

Pathogens characteristic symptoms on host plants, pathogen morphological characteristics, cultural characteristics (see Appendix B) and Special Pathogens PCR Heterosexual test results (see Appendix C) for the lemon dry basis quarantine and identification of bacteria.

4.1 Equipment

Stereo microscope, biological microscope, clean benches, incubator, pipettes, gels imaging systems, electrophoresis equipment, PCR instrument, electrical Sub-scale (1/1000g), Autoclave.

4.2 Test device

Knives, hand-held magnifying glass, sterilized Petri dish, flask, forceps, surgical scissors, scalpel, needle inoculation, slides, cover slips and the like.

5.1 Reagents

Sodium chloride (NaCl), sodium nitrate (NaNO3), potassium dihydrogen phosphate (KH2PO4), potassium chloride (KCl), magnesium sulfate (MgSO4. 7H2O),

Preview: page 3 of 3 shown, 7 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sn-t-3288-2012