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SN

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

SN/T 3894-2014

**Detection and identification of *Pratylenchus fallax* Seinhorst,
1968**

(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 Yunnan Entry-Exit Inspection and Quarantine Xiamen People's Republic of China Bureau, Chinese Academy of Inspection and Quarantine, Chongqing, People's Republic of China Exit Inspection and Quarantine.

1 Scope

This standard specifies the pseudo Pratylenchus separation methods, permanent slide specimens, morphological identification and sample preservation methods.

This standard applies to flowers, ornamental plants, vegetables, fruit and other plant roots and soil and growing media pseudo Pratylenchus inspection 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.

GB/T 24828 puncture quarantine and identification of root rot nematode GB/T 28061 flower bulbs scale quarantine rules SN/T 1157 export plant seedlings quarantine rules SN/T 1158 bonsai plant quarantine entry and exit procedures SN/T 2122 entry and exit quarantine of plants and plant products sampled

3 Pseudo Pratylenchus basic information

Scientific name. *Pratylenchus fallax* Seinhorst, 1968 English name. false root lesion nematode
Taxonomic position. door nematodes Nematoda, side tail gland Gang Secernentea,
Tylenchina Gang Tylenchia, Tylenchida Tylenchida, pad edge Suborder Tylenchina, ties
superfamily Hoplolaimoidea, *Pratylenchus* Branch Pratylenchidae, *Pratylenchus* subfamily
Pratylenchinae, *Pratylenchus* genus *Pratylenchus*.

Transmission. host plant roots susceptible soil, medium soil is the main way long distance
transmission.

Valid species *Pratylenchus* genera worldwide total of 70 kinds of pseudo *Pratylenchus*
similar species have puncture *Pratylenchus* *P. penetrans* (Cobb,
1917) Filipjev

For additional information, see Appendix A. The pseudo *Pratylenchus*

4 Principle of the method

Collected in the field pseudo *Pratylenchus* Damage symptoms suspicious host roots and
rhizosphere soil, asymptomatic, according to GB/T 28061, SN/T 1157, SN/T 1158 and
SN/T 2122 the contents of the site quarantine provisions for sample collection, according to
GB/T 24828 Experiment Content chamber testing requirements were isolated nematodes,
microscopic slides were produced, pseudo nematodes Morphological characteristics of
short body as the main result of judgment Set the basis of its biological characteristics, host
range, geographical distribution can be determined as a basis for assistance.

5 Symbols and abbreviations

L -- worms body length (mm or μm)