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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SN/T 3269-2012

Detction and identification of Bruchidius incarnatus(Boheman)

埃及豌豆象检疫鉴定方法

(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. China Inspection and Quarantine Science Research Institute, People's Republic of China Manzhouli Exit Inspection and Quarantine, the Chinese people Republic Shenyang Entry-Exit Inspection and Quarantine Yantai People's Republic of China.

1 Scope

This standard specifies the phytosanitary like peas in Egypt Bruchidiusincarnatus (Boheman) quarantine and identification methods.

This standard applies to peas as quarantine and identification of Egypt.

Basic information like 2 peas in Egypt Scientific name. Bruchidiusincarnatus (Boheman) Synonyms. BruchusincarnatusBoheman, 1833; B.incarnatuavar.mocquerysikraatz, 1869; B.rubigi-nosusDesbrochers, 1869; MylabrislamellicornisBaudi, 1886; M.segmentataCailol, 1894 Belonging to Coleoptera (Coleoptera), Bruchidae (Bruchidae), multi-type bean weevil genera (Bruchidius), the genus known in the world today 300 species of common hazards of a dozen beans, peas like Egypt is the most serious types of beans harm one (see Appendix A). Egypt pea Bean weevil killed mainly by long-distance transport host seed propagation.

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3 PRINCIPLE OF THE METHOD

Stereoscopic microscope, adult morphological characteristics and structural features of male genitalia based primarily on standard-setting.

4.1 Equipment

Stereo microscope, forceps, dissecting scissors, dissecting needle, dish, absorbent paper, small brush, finger-shaped tube.

4.2 Reagents

10% sodium hydroxide, ethanol, glycerol.

5.1 Field testing

Is there whether translucent "small window" shaped emergence holes on adult or juvenile insects into the hole or on-site inspection bean seed coat, over screening See if there is an adult.

5.2 Feeding

The insects carry the beans placed in petri dishes, dish-bottomed dish covered with absorbent paper, yarn Bouza mouth to prevent adult emergence escape into the green it was incubator at 25 °C ~ 30 °C. 24h after eclosion adult specimens placed in the freezer at -20 °C frozen kill, freezing time

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