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

SN/T 1855-2017

Replacing SN/T 1855-2006

Detection and identification of *Bruchidius atrolineatus*(Pic)

暗条豆象检疫鉴定方法

(English Translation)

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Foreword

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

This standard replaces SN/T 1855-2006 "Dark Bean Quarantine Identification Method", compared with SN/T 1855-2006, except for editorial repair in addition, the main technical changes are as follows.

- Added basic information on dark beans (see Chapter 3);
- Improve the principle of the method (see Chapter 4, Chapter 2 of the 2006 edition);
- Increased the main morphological characteristics of the Beans and Beans (see 6.6.1 and 6.6.2);
- Improved the morphological characteristics of the adult worms (see Appendix D, Appendix D of the 2006 edition);
- Removed the preparation of reagents (see Appendix B of the 2006 edition);
- Improved the search form (see Appendix C, Appendix C of the 2006 edition).

This standard is proposed and managed by the National Certification and Accreditation Administration.

This standard was drafted. Jilin Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, Beijing Entry-Exit Inspection and Quarantine Bureau, Zhangzhou Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, Suzhou Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, China Inspection and Quarantine Branch Institute of Research, Shanxi Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, Jiangyin Entry-Exit Inspection and Quarantine Bureau of the People's Republic of China, and the Chinese People Tianjin Entry-Exit Inspection and Quarantine Bureau of the Republic.

1 Scope

This standard specifies the quarantine and identification methods for the dark-striped bean elephant *Bruchidiusatrolineatus* (Pic).

This standard applies to the quarantine and identification of dark bean images.

2 Terms and definitions

The following terms and definitions apply to this document.

Male basal lateral projection parameres it is a component of the male external genitalia. Located on the back of the Yangji, it consists of two leaves, which are spoon-shaped and have enlarged ends. In different groups, two Some of the basal protrusions are separated at the base, some are healed, and some are almost completely healed.

Male stalk, inner stalk and inner stalk pharyngeal phalus, endophalus anditssclerires the penis is a component of the male external genitalia. It is located on the ventral surface of the basal ganglia and is rod-shaped. The base is swollen and saclike (called the sac area), and the end is early.

Petal (called outer stalk). The stalk is divided into the outer stalk and the inner stalk. The outer stalk is the outer shell portion of the stalk. Inner stalk membranous, lined in the outer yang Inside the stem, when the males mate, they turn over the mountains through the end of the stem. A large number of ossified thorns are placed on the inner stalk, arranged in a certain pattern, with a species the specificity is one of the important basis for the identification of the insect species of the Beans.

3 Dark strips of beans like basic information

Chinese name. dark bean image.

Scientific name. *Bruchidiusatrolineatus* (Pic).

Synonym. *Bruchus* (*Callosobruchus*) *atrolineatus* Pic, 1921. *B. semiflabellatus* Pic, 1931.

Taxonomic status. Coleoptera, Brauchidae, and *Bruchidius*.

See Appendix A for additional information on dark bean images.

4 Principle of the method

According to the damage of the insects of the dark-striped insects, when the larvae or the mites are not determined, it is necessary to raise the adults and then in the stereo microscope.

Under the microscope, the species was judged according to the morphological

characteristics of the adults. Morphological characteristics, distribution, transmission pathways and biological characteristics of adults Sex provides the basis for the development of this quarantine method.

5.1 Instrument

Biological microscope, stereo microscope, light incubator, drying oven.