

ICS 67.080.01
CCS B16

SN

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

SN/T 3707-2013

**Irradiation as a phytosanitary treatment for *Dysmicoccus
neobrevipes* Beardsley in banana
(English Translation)**

Issued on: November 6, 2013

Implemented on: June 1, 2014

Issued by: General Administration of Customs

Table of Contents

- Foreword
- 1 Scope
- 2 Normative references
- 3 Terms and Definitions
- 4 Irradiation
- 4.1 Authorization

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

1 Scope

This standard specifies the entry of bananas in the discovery of new pineapple ash Kuwana (*Dysmicoccus neobrevipes* Beardsley) irradiation quarantine Technical requirements for processing, treatment aims to prevent new pineapple ash Kuwana normal development of F1 or cause infertility.

This standard applies to the entry found in bananas irradiation quarantine new pineapple ash Kuwana.

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 16334 gamma irradiation facility for food processing Practical guide of dosimetry GB/T 16841 energy of 300keV ~ 25MeV electron beam radiation processing dosimetry guidelines GB/T 18524 General requirements for food irradiation

3 Terms and Definitions

The following terms and definitions apply to this document.

Quarantine irradiation irradiation as a phytosanitary treatment Direct exposure to high-energy electron beams or X-rays use of gamma-rays or electron accelerator is processed goods to carry pests Death, infertility or inability to complete the development cycle, to prevent these dangerous and harmful living in a new place colonization, dissemination or spread purpose.

The lowest effective dose minimum effective dose Prevent new pineapple ash Kuwana normal development or cause sterility of F1 lowest dose that is under quarantine irradiation dose limits.

The maximum tolerated dose maximum tolerated dose it does not affect the new pineapple ash Kuwana host fruit quality at the highest dose, ie the dose of irradiation quarantine limits.

Radiation dose irradiation dose in order to achieve the intended purpose of quarantine security absorbed dose range required irradiation treatment, the lower limit should be greater than the minimum effective dose, the upper limit should be less than the maximum tolerated dose.

4.1 Authorization

Inspection and quarantine agencies should quarantine irradiation units or companies authorized to ensure the rational design of irradiation quarantine procedures Specification, the effect is reliable, well documented, and have the security of goods.