



**BRUNEI DARUSSALAM STANDARD
PIAWAI BRUNEI DARUSSALAM**

PBD 35:2017

BRUNEI STANDARD FOR DURIAN



**NATIONAL STANDARDS COUNCIL
BRUNEI DARUSSALAM**

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Amendments issued since publication

Amd No.	Date of issue	Text affected

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Committee Representation

The Technical Committee on Agricultural Crops was entrusted by the Department of Agriculture and Agrifood, Ministry of Primary Resources and Tourism for the preparation of this Brunei Darussalam Standard. The members of the Technical Committee are as follows:-

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Deputy Chairman : Takiyudin bin Haji Mohamad	Department of Agriculture and Agrifood
Secretariat : Khairunnisa binti Haji Omar Ali : Siti Sundussiah binti Haji Abdullah Sani	Department of Agriculture and Agrifood
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ACKNOWLEDGEMENT

This publication was developed by the Technical Committee for Agricultural Crops under Department of Agriculture and Agrifood, Ministry of Primary Resources and Tourism.

This document is a direct adoption from the ASEAN Standards for Horticultural Produce and Other Food Crops which was prepared by Taskforce on the ASEAN Standards for Horticultural Produce and Other Food Crops involving representatives from all ASEAN member countries.

Foreword

This publication is a result of dedication and commitment from the Technical Committee of Agricultural Crops (TCAC) which comprised of officers and specialists from various backgrounds under the Department of Agriculture and Agrifood, Ministry of Primary Resources and Tourism. Inputs from various stakeholders in the agricultural communities were also paramount in molding the content of this standard.

The development of the Brunei National Standard on Agricultural Crops is adopted from the ASEAN Standards for Horticultural Produce and Other Food Crops and also the International Codex Standard for Rice (CODEX STAN 198-1995).

Brunei National Standard on Agricultural Crops aims to cater agricultural communities in the country with an instrument that will maintain and improve the quality of agricultural produce in particular rice, vegetables and fruits. It is fundamentally designed to set a standard for on-farm production activities that will assure the quality and enhance the competitiveness of agricultural produce from this country, in both domestic and export markets. The standard is pivotal in supporting the Ministry's strategic planning which emphasizes four key elements; growth, productivity, export and sustainability. Ultimately, the development of this standard is also in-line with and in support of ASEAN Economic Community's (AEC) effort on the promotion of single market through facilitating intra and extra ASEAN trade, quality assurance and ensuring safety standard of farm produce.

This standard encompasses various on-farm production activities which include the definition of produce, quality, sizing, tolerances, presentation, marking or labelling, contaminants, hygiene, and sampling and analysis techniques. It is important to note that, this standard only covers commercial varieties of crops which are to be supplied fresh and ready to be consumed. Agricultural produce for industrial processing are generally excluded. In this edition, the focus of the standard will be placed upon chilli, guava, papaya and durian.

This standard may also serve as a general reference and guidance for importer, exporter, agricultural extensions, farming communities, academic researchers, policy makers and also general public who are involved in agriculture activities.

BRUNEI STANDARD FOR DURIAN

1. DEFINITION OF PRODUCE

This standard applies to commercial varieties of durian grown from *Durio spp.* of the Bombacaceae family, to be supplied fresh to the consumer.

2. PROVISIONS CONCERNING QUALITY

2.1 MINIMUM REQUIREMENTS

In all classes, subject to the special provisions for each class and tolerances allowed, the durian must be as follows:

- Whole with sound peduncle intact
- External appearance is fresh, free from dirt and other foreign matters, and no decay.
- Practically free from visible defects such that the internal quality is not affected
- Practically free from pests affecting the general appearance of the produce.
- Practically free from damage caused by pests.
- Free from damage caused by low or high temperature.
- Free of any foreign odour and/or taste.
- When ripe, the following abnormal pulp is not allowed: hardened pulp, tip burn and water core. If present of any or mixed the total defects must not exceed 5% of the edible portion.

2.1.1 The fruits have reached an appropriate degree of development with criteria proper to the variety and to the area in which they are grown. The fruits are able to become ripe after harvest with acceptable quality. The fruit condition is acceptable upon arrival at the place of destination.

2.2 CLASSIFICATION

Durians are classified in 3 classes defined below:

2.2.1 "Extra" Class

Durians in this class must be of superior quality with characteristics of the variety. Each fruit should carry a minimum of 4 fertile locules. For varieties namely Garnyao and Gradoomtong, each fruit should carry a minimum of 5 fertile locules. Thorns should be well developed with no splitting of thorn end. They must be practically free from defects provided these do not affect the general appearance of the produce, the internal quality, the keeping quality and presentation in the package.

2.2.2 Class I

Durians in this class must be of good quality with characteristics of the variety. Each fruit should carry a minimum of 3 fertile locules without affecting the shape of the fruit. For varieties namely Garnyao and Gradoomtong, each fruit should carry a minimum of 4 fertile locules. Thorns should be well developed with no splitting thorn end. There are very slight superficial defects which do not affect the general appearance of the produce, the internal quality, the keeping quality and presentation in the package.



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