



PIAWAI BRUNEI DARUSSALAM

PBD 49:2024

BRUNEI STANDARD FOR BANANA

**MAJLIS STANDARD DAN AKREDITASI
BRUNEI DARUSSALAM**

Published by
Pusat Standard dan Akreditasi Brunei Darussalam



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The Brunei Darussalam Standards are subject to periodical review according to the current needs of the local industries and to keep abreast of progress in the industries concerned. Suggestion of amendments will be recorded and in due course brought to the notice of the committees concerned.

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Amendments issued since publication

Amd No	Date of issue	Text affected

BRIEF INTRODUCTION ON MAJLIS STANDARD DAN AKREDITASI BRUNEI DARUSSALAM

The Majlis Standard Kebangsaan was formed in 2009 and reinstated as Majlis Standard dan Akreditasi Brunei Darussalam by consent of His Majesty the Sultan dan Yang Di - Pertuan of Brunei Darussalaam in February 2024. The Council act as the body responsible for strengthening and monitoring standards and conformance in Brunei Darussalam. Its members encompass multiple agencies across the Government, industry, academia and consumer interests and are envisaged to provide policy direction that will firm up national initiatives to create and stimulate sustainable economic growth. In this endeavor, factors such as the creation and promotion of awareness on consumer safety and interests will also from part of the main scope for the council.

The work of the council is facilitated by the Pusat Standard dan Akreditasi Brunei Darussalam (PSABD), under the Ministry of Finance and Economy. With the main role of strengthening the capacity and sustainability of the national standards infrastructure, the PSABD has been instructed to act as the body that provides a platform to complement the formation of the Council.

On matters pertaining to the development of national standards i.e. Piawai Brunei Darussalam (PBD), the management of activities are monitored through the formation of National Standards Committees. Clustered based on the scope of its industry, the work of developing PBD stands guided by international best practices with the involvement of multiple agencies across the Government, industry and public as a whole.

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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:-

Name	Organisation
Chairman : Hirman bin Haji Abu	Department of Agriculture and Agrifood
Deputy Chairman : Mat Rusli bin Haji Abu Bakar	Department of Agriculture and Agrifood
Secretariats : Siti Sundussiah Binti Haji Abdullah Sani : Mohamad Faa'id bin Haji Mohamad Kasim	Department of Agriculture and Agrifood
Members : Normah binti Tuah : Khairunnisa binti Haji Omar Ali : Siti Amaniah binti Awang Besar : Rabiatal Adawiyah binti Pehin Bendahari Haji Abu Bakar : Nur Sakinah binti Haji Samli : Nurul Maz Juhairah binti Manjul : Muhammad Fuad Azzam bin Hj Latip : Elzarina binti Muhd Zuki : Saabiqah binti Abd Salam : Suhaimi bin Haji Daud : Haji Muhd Shukri bin Haji Makhbar	Department of Agriculture and Agrifood
: Lau How Teck	Hua Ho Agricultural Farm
: Jamarshahzuin bin Hj Mohd Jaafar	Ladang Bioprop Sdn Bhd
: Haji Muliadi bin Moxsin	Marsya Farm
: Foo Gwen Tong	Gropoint Sdn Bhd
: Pg Dato Paduka Haji Abdul Rahman bin Pg Seri Indera Pg Hj Ismail	RZ Prisma Enterprise
: Haji Asmali bin Haji Mohamad	Perusahaan Zaias Enterprise
: Yeo Kok Ket	Green Technology Farm

- | | |
|--------------------------------------|--------------------------|
| : Diyana 'Aliyah binti Abdullah | Diyana 'Aliah Enterprise |
| : Haji Hanafiah bin Awang Haji Zaini | RNR Agriculture Farm |
| : Mohammad Baihaqey bin Pehin Shari | Greenthumb Farm Sdn Bhd |
| : Haji Hassan bin Hasbi | Hasmit Enterprise |

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 moulding 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.

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 okra, watermelon, oyster mushroom, banana, pineapple, tomato and young coconut

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 BANANA

(PBD 49:2022)

1. DEFINITION OF PRODUCE

This Standard applies to commercial varieties of banana grown from *Musa spp.*, of the Musaceae family to be supplied fresh to the consumer. Banana intended for cooking only (plantains) or for industrial processing are excluded.

2. PROVISIONS CONCERNING QUALITY

2.1 MINIMUM REQUIREMENTS

In all classes, subject to the special provisions for each class and the tolerances allowed, the banana shall be:

- whole (finger as the reference), with flower remnants removed;
- firm;
- sound, produce affected by rotting or deterioration such as to make it unfit for consumption is excluded
- clean, practically free of any visible foreign matter;
- practically free of pests¹;
- practically free of the damage caused by pests affecting the general appearance of the produce;
- free of abnormal external moisture, excluding condensation following removal from cold storage;
- free of any foreign smell/odour and/or taste;
- practically free from mechanical such as bruises and blemishes; and
- practically free from physiological damage such as low and/or high temperature.

The development and condition of the banana shall be such as to enable them to:

- withstand transportation and handling, and
- arrive in satisfactory condition at the place of destination.

2.1.1 Minimum Maturity Requirements

The banana shall be harvested and have reached an appropriate degree of development and maturity, in accordance with the area in which they are grown.

¹ The Provision for pest applies without prejudice to the applicable plant protection rules applied by governments in line with the International Plant Protection Convention (IPPC).