Musalogue
A catalogue of Musa germplasm

Papua New Guinea Collecting missions
1988-1989

Edited by
E. Arnaud
and J.P Horry
The mission of the **International Network for the Improvement of Banana and Plantain (INIBAP)** is to increase the productivity and stability of banana and plantain grown on smallholdings for domestic consumption and for local and export markets.

INIBAP has four specific objectives:

- to organize and coordinate a global research effort on banana and plantain, aimed at the development, evaluation and dissemination of improved cultivars and at the conservation and use of *Musa* diversity;
- to promote and strengthen regional efforts to address region-specific problems and to assist national programmes within the regions to contribute towards, and benefit from, the global research effort;
- to strengthen the ability of NARS to conduct research on bananas and plantains;
- to coordinate, facilitate and support the production, collection and exchange of information and documentation related to banana and plantain.

In May 1994, INIBAP was brought under the governance and administration of the International Plant Genetic Resources Institute (IPGRI) to enhance opportunities for serving the interest of small-scale banana and plantain producers.

The **International Plant Genetic Resources Institute (IPGRI)** is an autonomous international scientific organization operating under the aegis of the Consultative Group on International Agricultural Research (CGIAR). The international status of IPGRI is conferred under an Establishment Agreement which, by January 1997, had been signed by the Governments of Australia, Belgium, Benin, Bolivia, Brazil, Burkina Faso, Cameroon, Chile, China, Congo, Costa Rica, Côte d’Ivoire, Cyprus, Czech Republic, Denmark, Ecuador, Egypt, Greece, Guinea, Hungary, India, Indonesia, Iran, Israel, Italy, Jordan, Kenya, Malaysia, Mauritania, Morocco, Pakistan, Panama, Peru, Poland, Portugal, Romania, Russia, Senegal, Slovak Republic, Sudan, Switzerland, Syria, Tunisia, Turkey, Uganda and Ukraine.

IPGRI’s mandate is to advance the conservation and use of plant genetic resources for the benefit of present and future generations. IPGRI works in partnership with other organizations, undertaking research, training and the provision of scientific and technical advice and information, and has a particularly strong programme link with the Food and Agriculture Organization of the United Nations.

Financial support for the agreed research agenda of IPGRI is provided by the Governments of Australia, Austria, Belgium, Canada, China, Denmark, Finland, France, Germany, India, Italy, Japan, the Republic of Korea, Luxembourg, Mexico, the Netherlands, Norway, the Philippines, Spain, Sweden, Switzerland, the UK and the USA, and by the Asian Development Bank, CTA, European Union, IDRC, IFAD, Interamerican Development Bank, UNDP and the World Bank.

**Citation:**

**Illustration credits:** Jeff Daniells (QDPI) and Suzanne Sharrock (INIBAP).

**Layout and cover illustration:** Isabelle Costes

**ISBN 2-910810-14-3**

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Why a Musalogue series?

The objective of the Musalogue series is to publish and disseminate catalogues of banana germplasm, including information on agronomic performance and reaction to major diseases, in order to facilitate and encourage the utilization of germplasm held in collections. The series is intended to provide banana breeders with synthesised information and to directly or indirectly, help farmers to select the most appropriate variety for cultivation under specific environmental conditions.
Musalogue, a catalogue of Musa germplasm
Papua New Guinea collecting missions, 1988-1989

FOREWORD

Papua New Guinea lies within the centre of origin of the genus Musa which extends throughout South East Asia and into the Pacific region. Great diversity in both the wild and cultivated members of the genus can be found in this region and recent studies using molecular markers suggest that edibility may have first arisen in Musa in the eastern fringes of South East Asia. Bananas are a major food crop in many parts of Papua New Guinea, ranking second in importance after sweet potato. Annual production is approximately 940,000 tonnes with a per capita consumption estimated at 250 kg/year. Papua New Guinea is unique in that it is probably the only country in the world where diploid bananas remain agriculturally significant. This situation is thought to resemble the production systems prevalent in South East Asia many thousands of years ago, when primitive, poor yielding diploid landraces were common. In recent times however, these ancestral cultivars have generally been replaced by more vigorous and disease tolerant triploid varieties. The collecting of Papua New Guinea’s unique diploid gene-pool, for preservation as well as for use in breeding programmes, was recommended during an international workshop on banana and plantain breeding strategies organised by ACIAR and INIBAP in 1986.

In 1988, a project on banana germplasm collecting in Papua New Guinea was initiated by IBPGR and QDPI, in co-operation with the PNG Department of Agriculture and Livestock and with assistance from INIBAP. A series of four collecting missions took place between 1988 and 1989. Collectors in the first mission were Ms Suzanne Sharrock (IBPGR), Dr. David Jones (QDPI), Mr. Bruce French (consultant), and Mr. Tézenas du Montcel (CIRAD). Three other collecting expeditions followed conducted by Ms Suzanne Sharrock, assisted by Mr Jeff Daniels (QDPI), Ms Rosa Kambuou (PNG DAL), and Ms Janet Banag (PNG DAL). A total of 264 accessions were collected during these missions and prospected areas covered the continental provinces of the country as well as the islands of New Britain, New Ireland and Manus (see map). The collected material was established in vitro in Australia (QDPI) where disease indexing took place. Having completed disease indexing, clean planting material was returned to Papua New Guinea for establishment in the National Banana Germplasm Collection at Laloki, Port Moresby. The germplasm was also duplicated in vitro at the INIBAP Transit Centre for maintenance and further distribution. In October 1994 INIBAP signed an agreement with FAO whereby material held in the genebank became part of an International Network of Ex Situ Collections, under the auspices of FAO. As a result, the material held at the ITC, including the PNG germplasm, continues to be available to all on the understanding that it remains in the public domain.

During 1993-94, 242 of the accessions collected in Papua New Guinea were evaluated by Mr. Jeff Daniells at the QDPI South Johnstone Research Station, within the INIBAP project «Taxonomic Characterization of the Papua New Guinea Banana Germplasm Collection». This study permitted the identification of 34 accessions as synonyms.
This first issue of Musalogue is a direct output of the evaluation work conducted on the PNG germplasm. It provides information on the accessions relating to their phenotypic characteristics, agronomic performance and reaction to yellow Sigatoka disease. Observations recorded at the collecting sites by the collectors are also included. Although a number of accessions have been classified using molecular markers by CIRAD, France, classifications are generally based on morphological characteristics and in all cases, should be considered tentative.

This issue of Musalogue is intended to facilitate and encourage the utilisation of the germplasm collected in Papua New Guinea. Through its continued use in research and agriculture, we hope that the global Musa community will be able to benefit from this valuable resource.

The publication of Musalogue was made possible by the support of ACIAR through a grant to INIBAP. We also express our gratitude to IDRC for its support to the Musa Germplasm Information System programme, from which this publication is an output. Ms Elizabeth Arnaud, INIBAP, supervised the production. We wish to place on record our sincere thanks to Mrs Suzanne Sharrock who contributed to the editing of the publication.

We are especially grateful to the Department of Agriculture and Livestock, Papua New Guinea, for the central role played in collecting, characterising and conserving this valuable and original germplasm.

Emile Frison
Musalogue card
Papua New Guinea collecting missions, 1988-1989

Accession name (header): Current name given to the accession in the collection (in most cases the local/vernacular name given by farmer)

Passport
- Accession descriptors
  - ITC accession number: Unique identifier for the accession in the INIBAP genebank.
  - Synonyms: Other collected accessions considered as duplicates.
  - Genus
  - Section
  - Species/Group: Latin names are given for wild species and letters for genome composition.*
  - Subspecies/Subgroup: Latin names are given for wild species and subgroup names for landraces.
  - Status of the plant
- Collecting descriptors
  - Collecting number: Original number assigned by the collector(s).
  - Collecting date: Inclusive dates of the collecting mission.
  - Province: The country of collecting (Papua New Guinea), common to all this series of cards, has been omitted.
  - Nearest town
  - Place of collection

Evaluation
Observation were made at harvest, during two successive cycles. The evaluation site is described below.
- Plant crop cycle: From planting to harvest (all plants derived from tissue culture material).
- Ratoon crop cycle: Duration between two successive harvests.
- Pseudostem height: From base of pseudostem to point of bunch emergence.
- Bunch weight: Including bunch stalk, cut above the first hand and immediately below the last hand.
- Number of hands
- Number of fruits
- Fruit length
- Susceptibility to yellow Sigatoka (Mycosphaerella musicola Leach): Under natural infestation. Susceptibility is rated on a four state scale on the basis of the youngest leaf spotted:
  - ‘high’ (very susceptible, VS)
  - ‘intermediate’ (susceptible, S)
  - ‘low’ (resistant, R).
  - ‘very low or no visible sign of susceptibility’ (highly resistant, HR)

Observation at collecting site
- Use of the fruit: Information recorded from farmer.
- Collectors notes: Miscellaneous observations taken during collecting.
- Presence of pests and diseases: As observed on the plant at the time of collecting:
  0: absent - 1: present, low infestation/infection - 2: present.

Evaluation site: Center for Wet Tropics Agriculture, QDPI, South Johnstone, Qld, Australia
Latitude: 17° 36’ S; Longitude: 146° 0’ E; Elevation: 18 m a.s.l.; Higher level landform: alluvial plain;
Soil texture: light clay; Soil pH: 5-5.5; Soil taxonomy: inceptisol; Soil drainage: good; Slope: <1°; Water availability: irrigated; Climate: average annual rainfall: 330mm, wet season predominantly Jan-May, mean max. temp. 28.1°C, mean min. temp. 19.1°C.

*Variety classifications are based on morphologic observations plus in some cases molecular markers. Until chromosome counts have been completed however, all classifications should be considered tentative.
**Accession descriptors**

**ITC accession number:** ITC.0589

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG002

**Collecting date:** 27/02-22/03/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunapalading

**Plant crop cycle** (cycle 1) (mth): 9 - 10

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 4 - 5
- cycle 2: 4 - 5

**Number of fruits** - cycle 1: 4 - 5
- cycle 2: 4 - 5

**Fruit length** - cycle 1 (cm): 25 - 30
- cycle 2 (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** high

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**Observation at collecting site**

**Use of the fruit:** Cooking (firm flesh)

**Collectors notes:** Not male fertile; no seeds; suckering inhibited; Simmonds: Gulum= Kiakiau

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 2
- Freckle: 0

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**Accession descriptors**

**ITC accession number:** ITC.0590

**PNG 030; 225**

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:**

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG004

**Collecting date:** 27/02-22/03/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunapalading

**Plant crop cycle** (cycle 1) (mth): 10 - 11

**Ratoon crop cycle** (cycle 2) (mth): 5 - 6

**Pseudostem height** - cycle 1 (cm): 200 - 250
- cycle 2 (cm): 250 - 300

**Bunch weight** - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 5 - 6
- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 5 - 6
- cycle 2: 5 - 6

**Fruit length** - cycle 1 (cm): 15 - 20
- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** high

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**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Not male fertile; no seeds

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 2
- Freckle: 0

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**Evaluation site:** South Johnstone, QDPI, AUS
**Accession descriptors**

**ITC accession number:** ITC.1206

**Synonyms:**
- Musa
- Eumusa

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**
- Not male fertile; no seeds; bracts and fruits in one continuous spiral

**Collecting descriptors**

**Collecting number:** PGN010

**Collecting date:** 27/02-22/03/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunapalading

**Plant crop cycle**
- (cycle 1) (mth): 9 - 10
- (cycle 2) (mth): 8 - 9

**Ratoon crop cycle**
- (cycle 1) (mth): 200 - 250
- (cycle 2) (mth): 250 - 300

**Pseudostem height**
- (cycle 1) (cm): 0 - 5
- (cycle 2) (cm): 5 - 10

**Bunch weight**
- (cycle 1) (kg): 1 - 1
- (cycle 2) (kg): 1 - 1

**Number of hands**
- (cycle 1): 15 - 20
- (cycle 2): 20 - 25

**Number of fruits**
- (cycle 1): 20 - 25
- (cycle 2): 25 - 30

**Fruit length**
- (cycle 1) (cm): intermediate
- (cycle 2) (cm): intermediate

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
- Not male fertile; no seeds; bracts and fruits in one continuous spiral

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 2
- Freckle: 0
- Speckle: 0

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**Accession descriptors**

**ITC accession number:** ITC.0591

**Synonyms:**
- PNG014; 115

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**
- Not male fertile; no seeds

**Collecting descriptors**

**Collecting number:** PGN013

**Collecting date:** 27/02-22/03/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Kasaska (Bainings)

**Plant crop cycle**
- (cycle 1) (mth): 9 - 10
- (cycle 2) (mth): 6 - 7

**Ratoon crop cycle**
- (cycle 1) (mth): 200 - 250
- (cycle 2) (mth): 250 - 300

**Pseudostem height**
- (cycle 1) (cm): 0 - 5
- (cycle 2) (cm): 5 - 10

**Bunch weight**
- (cycle 1) (kg): 3 - 4
- (cycle 2) (kg): 6 - 7

**Number of hands**
- (cycle 1): 15 - 20
- (cycle 2): 20 - 25

**Number of fruits**
- (cycle 1): 20 - 25
- (cycle 2): 25 - 30

**Fruit length**
- (cycle 1) (cm): intermediate
- (cycle 2) (cm): intermediate

**Susceptibility to yellow Sigatoka:**
- Cooking when unripe and dessert
- intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking when unripe and dessert

**Collectors notes:**
- Not male fertile; no seeds

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 1
- Freckle: 0
- Speckle: 0
Navaradam

Accession descriptors

ITC accession number: ITC.0770
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG014
Collecting date: 27/02-22/03/88
Province: East New Britain
Nearest town: Rabaul
Place of collection: Kasaska

Evaluation

Plant crop cycle (cycle 1) (mth): 10 - 11
Ratoon crop cycle (cycle 2) (mth): 6 - 7
Pseudostem height - cycle 1 (cm): 200 - 250
- cycle 2 (cm): 250 - 300
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 3 - 4
- cycle 2: 4 - 5
Number of fruits - cycle 1: 3 - 4
- cycle 2: 
Fruit length - cycle 1 (cm): 30 - 35
- cycle 2 (cm): 25 - 30
Susceptibility to yellow Sigatoka: high

Observation at collecting site

Use of the fruit: Cooking when unripe and dessert
Collectors notes: Not male fertile; no seeds; style very short; very susceptible to banana borer
Presence of pests and diseases:
Black leaf streak: 2 Cordana: 0 Freckle: 0
Black cross: 2 Speckle: 0

Beo

Accession descriptors

ITC accession number: ITC.0592
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG015
Collecting date: 27/02-22/03/88
Province: East New Britain
Nearest town: Rabaul
Place of collection: Kasaska

Evaluation

Plant crop cycle (cycle 1) (mth): 8 - 9
Ratoon crop cycle (cycle 2) (mth): 6 - 7
Pseudostem height - cycle 1 (cm): 150 - 200
- cycle 2 (cm): 200 - 250
Bunch weight - cycle 1 (kg): 0 - 5
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 5 - 6
- cycle 2: 6 - 7
Number of fruits - cycle 1: 10 - 15
- cycle 2: 15 - 20
Fruit length - cycle 1 (cm): 
- cycle 2 (cm): 
Susceptibility to yellow Sigatoka: intermediate

Observation at collecting site

Use of the fruit: Dessert
Collectors notes: Not male fertile; no seeds; orange tip to compound tepal; badly affected by nematods
Presence of pests and diseases:
Black leaf streak: 1 Cordana: 2 Freckle: 0
Black cross: 2 Speckle: 0
## Aivip

**Accession descriptors**

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**Collecting descriptors**

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| Plant crop cycle (cycle 1) (mth): | 9 - 10 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 10 - 15 |
| Number of hands - cycle 1: | 4 - 5 |
| - cycle 2: | 7 - 8 |
| Number of fruits - cycle 1: | 4 - 5 |
| - cycle 2: | 7 - 8 |
| Fruit length - cycle 1 (cm): | 25 - 30 |
| - cycle 2 (cm): | 20 - 25 |

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at Collecting Site**

**Use of the fruit:** Cooking

**Collectors notes:** No seeds

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0

## Lalalur

**Accession descriptors**

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**Collecting descriptors**

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<tr>
<td>Place of collection:</td>
<td>Rapitok No. 3</td>
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| Plant crop cycle (cycle 1) (mth): | 15 - 16 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 7 - 8 |
| Number of hands - cycle 1: | 4 - 5 |
| - cycle 2: | 7 - 8 |
| Number of fruits - cycle 1: | 4 - 5 |
| - cycle 2: | 7 - 8 |
| Fruit length - cycle 1 (cm): | 20 - 25 |
| - cycle 2 (cm): | 20 - 25 |

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at Collecting Site**

**Use of the fruit:** Dessert

**Collectors notes:** Male fertile; no seeds; suckering inhibited; purple peduncle; red dorsal face of young leaf; = Palakour

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0
**Accession descriptors**

**Musa**

**Marau**

**Accession descriptors**

**ITC accession number:** ITC.0772

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG025

**Collecting date:** 27/02-22/03/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Rapitok No. 3

**Plant crop cycle** (cycle 1) (mth): 14 - 15

**Ratoon crop cycle** (cycle 2) (mth): 7

**Pseudostem height**

- cycle 1 (cm): 300 - 350

- cycle 2 (cm): 350 - 400

**Bunch weight**

- cycle 1 (kg): 5 - 10

- cycle 2 (kg): 5 - 10

**Number of hands**

- cycle 1: 6 - 7

- cycle 2: 7 - 8

**Number of fruits**

- cycle 1: 15 - 20

- cycle 2: 15 - 20

**Fruit length**

- cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male fertile; no seeds; robust; suckering inhibited; widely distributed throughout areas visited in PNG

**Presence of pests and diseases:**

- Black leaf streak: 1
- Cordana: 2
- Freckle: 0

**Taputuput**

**Accession descriptors**

**ITC accession number:** ITC.0594

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG027

**Collecting date:** 27/02-22/03/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Rapitok No. 3

**Plant crop cycle** (cycle 1) (mth): 11 - 12

**Ratoon crop cycle** (cycle 2) (mth): 5 - 6

**Pseudostem height**

- cycle 1 (cm): 300 - 350

- cycle 2 (cm): 350 - 400

**Bunch weight**

- cycle 1 (kg): 10 - 15

- cycle 2 (kg): 10 - 15

**Number of hands**

- cycle 1: 7 - 8

- cycle 2: 8 - 9

**Number of fruits**

- cycle 1: 15 - 20

- cycle 2: 15 - 20

**Fruit length**

- cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male fertile; no seeds; suckering inhibited; style short and stigma flattened; ovary greenish; affected by nematodes

**Presence of pests and diseases:**

- Black leaf streak: 1
- Cordana: 2
- Freckle: 0

- Black cross: 2
- Speckle: 2
### Accession descriptors

**ITC accession number:** ITC.0595  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AAA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

**Collecting descriptors**

- **Collecting number:** PNG028  
- **Collecting date:** 27/02-22/03/88  
- **Province:** East New Britain  
- **Nearest town:** Rabaul  
- **Place of collection:** Korere  

<table>
<thead>
<tr>
<th>Evaluation site: South Johnstone, QDPI, AUS</th>
</tr>
</thead>
</table>

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert  
**Collectors notes:** Male fertile; no seeds  

**Presence of pests and diseases:**  
- Black leaf streak: 2  
- Cordana: 2  
- Freckle: 0  
- Black cross: 2  
- Speckle: 0  

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### Accession descriptors

**ITC accession number:** ITC.1243  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

**Collecting descriptors**

- **Collecting number:** PNG030  
- **Collecting date:** 27/02-22/03/88  
- **Province:** East New Britain  
- **Nearest town:** Kokopo  
- **Place of collection:**  

<table>
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<tr>
<th>Evaluation site: South Johnstone, QDPI, AUS</th>
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**Observation at collecting site**

**Use of the fruit:** Cooking and dessert  
**Collectors notes:** Male fertile; no seeds  

**Presence of pests and diseases:**  
- Black leaf streak: 1  
- Cordana: 2  
- Freckle: 0  
- Black cross: 2  
- Speckle: 0  

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**Auko**

**Accession descriptors**

- **ITC accession number:** ITC.0983/ITC.1239
- **Synonyms:** PNG143
- **Genus:** Musa
- **Species/Group:** Eumusa
- **Subspecies/Subgroup:** AB
- **Status of the plant:** landrace

**Collecting descriptors**

- **Collecting number:** PNG034
- **Collecting date:** 27/02-22/03/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Ulaulatava

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 7 - 8
- **Ratoon crop cycle** (cycle 2) (mth): 5 - 6
- **Pseudostem height** - cycle 1 (cm): 150 - 200
  - cycle 2 (cm): 250 - 300
- **Bunch weight** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 3 - 4
  - cycle 2: 6 - 7
- **Number of fruits** - cycle 1: 3 - 4
  - cycle 2: 6 - 7
- **Fruit length** - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 15 - 20
- **Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Not male fertile; seeds occasionally; Similar to M. balbisiana in all characters but parthenocarpic and fruit larger than for the wild sp.; in all respects like BB cultivar.

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0

**Yanun Yefan**

**Accession descriptors**

- **ITC accession number:** ITC.0984
- **Synonyms:**
- **Genus:** Musa
- **Species/Group:** Eumusa
- **Subspecies/Subgroup:** AA
- **Status of the plant:** landrace

**Collecting descriptors**

- **Collecting number:** PNG037
- **Collecting date:** 27/02-22/03/88
- **Province:** Morobe
- **Nearest town:** Lae
- **Place of collection:** Ngasawasiang

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 12 - 13
- **Ratoon crop cycle** (cycle 2) (mth): 8 - 9
- **Pseudostem height** - cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 250 - 300
- **Bunch weight** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 6 - 7
  - cycle 2: 5 - 6
- **Number of fruits** - cycle 1: 25 - 30
  - cycle 2: 20 - 25
- **Fruit length** - cycle 1 (cm): 25 - 30
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Male fertile; no seeds; ovary green

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

**Black cross:** 0

**Speckle:** 0
**Mpiajhap**

**Accession descriptors**

**ITC accession number:** ITC.0773  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Status of the plant:** Landrace

**Collecting descriptors**

**ITC accession number:** PNG038  
**Collecting number:** 27/02-22/03/88  
**Collecting date:** 27/02-22/03/88  
**Province:** Morobe  
**Nearest town:** Lae  
**Place of collection:** Markham 1

**Observation at collecting site**

- **Use of the fruit:** Cooking  
- **Collectors notes:** Not male fertile; seeds occasionally

**Presence of pests and diseases:**  
- **Black leaf streak:** 2  
- **Cordana:** 2  
- **Freckle:** 0  
- **Black cross:** 0  
- **Speckle:** 0

---

**Mapua**

**Accession descriptors**

**ITC accession number:** ITC.1244  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Status of the plant:** Landrace

**Collecting descriptors**

**ITC accession number:** PNG039  
**Collecting number:** 27/02-22/03/88  
**Collecting date:** 27/02-22/03/88  
**Province:** Morobe  
**Nearest town:** Lae  
**Place of collection:** Markham 1

**Observation at collecting site**

- **Use of the fruit:** Cooking  
- **Collectors notes:** Male fertile (little); no seeds

**Presence of pests and diseases:**  
- **Black leaf streak:** 2  
- **Cordana:** 0  
- **Freckle:** 0  
- **Black cross:** 0  
- **Speckle:** 0
M. schizocarpa No. 1

Accession descriptors

ITC accession number: ITC.0599
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: schizocarpa
Subspecies/Subgroup: wild
Status of the plant: wild

Collecting descriptors

Collecting number: PNG042
Collecting date: 27/02-22/03/88
Province: Morobe
Nearest town: Lae
Place of collection: Markham

Plant crop cycle (cycle 1) (mth): 26 - 27
Ratoon crop cycle (cycle 2) (mth): 26 - 27
Pseudostem height - cycle 1 (cm): 400 - 450
- cycle 2 (cm): 400 - 450
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 11 - 12
- cycle 2: 11 - 12
Number of fruits - cycle 1: 5 - 10
- cycle 2: 5 - 10
Fruit length - cycle 1 (cm): 10 - 15
- cycle 2 (cm): 10 - 15

Susceptibility to yellow Sigatoka: very low or no visible sign

Evaluation site: South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit: Wild
Collectors notes: Male fertile; seeds; Fruit dark green, splitting open at maturity
Presence of pests and diseases: 
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0

A. landrace

Accession descriptors

ITC accession number: ITC.0600
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: landrace

Collecting descriptors

Collecting number: PNG043
Collecting date: 27/02-22/03/88
Province: Morobe
Nearest town: Lae
Place of collection: Situm

Plant crop cycle (cycle 1) (mth): 14 - 15
Ratoon crop cycle (cycle 2) (mth): 6 - 7
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 300 - 350
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 4 - 5
- cycle 2: 4 - 5
Number of fruits - cycle 1: 5 - 10
- cycle 2: 5 - 10
Fruit length - cycle 1 (cm): 30 - 35
- cycle 2 (cm): 30 - 35

Susceptibility to yellow Sigatoka: intermediate

Evaluation site: South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit: Cooking
Collectors notes: No seeds; pink colour on youngest leaf; very like plantain
Presence of pests and diseases: 
Black leaf streak: 1
Cordana: 2
Freckle: 0
Black cross: 2
Speckle: 0
Hung Tu

**Accession descriptors**

**ITC accession number:** Musa

**Synonyms:**

**Genus:** Eumusa

**Section:**

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG044

**Collecting date:** 27/02/22/03/88

**Province:** Morobe

**Nearest town:** Lae

**Place of collection:** Situm

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 5 - 6

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm): 250 - 300

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 15 - 20

- cycle 2: 15 - 20

**Fruit length** - cycle 1 (cm): high

- cycle 2 (cm): high

**Susceptibility to yellow Sigatoka:**

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Not male fertile; no seeds; extensive red colouration on plant and fruit; many suckers; pink tinge to ovary

**Presence of pests and diseases:**

Black leaf streak: 2

Cordana: 2

Freckle: 0

Black cross: 0

Speckle: 0

‘Banksii’ No. 5

**Accession descriptors**

**ITC accession number:** Musa

**Synonyms:**

**Genus:** Eumusa

**Section:**

**Species/Group:** schizocarpa

**Subspecies/Subgroup:** wild

**Status of the plant:** wild

**Collecting descriptors**

**Collecting number:** PNG051

**Collecting date:** 27/02/22/03/88

**Province:** West Sepik

**Nearest town:** Vanimo

**Place of collection:** Mushu

**Plant crop cycle** (cycle 1) (mth): 18 - 19

**Ratoon crop cycle** (cycle 2) (mth): 400 - 450

**Pseudostem height** - cycle 1 (cm): 10 - 15

- cycle 2 (cm): 13 - 14

**Bunch weight** - cycle 1 (kg): 10 - 15

- cycle 2 (kg): 10 - 15

**Number of hands** - cycle 1: 10 - 15

- cycle 2: 10 - 15

**Number of fruits** - cycle 1: 10 - 15

- cycle 2: 10 - 15

**Fruit length** - cycle 1 (cm): 10 - 15

- cycle 2 (cm): 10 - 15

**Susceptibility to yellow Sigatoka:**

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male fertile; seeds; M. schizocarpa?; stony; chalky soil

**Presence of pests and diseases:**

Black leaf streak: 0

Cordana: 0

Freckle: 0

Black cross: 0

Speckle: 0
**Accession descriptors**

**Yenai**

**ITC** accession number: ITC.0774

Synonyms: PNG175; 208
Genus: Musa
Species/Group: Eumusa
Subspecies/Subgroup: AA
Status of the plant: Sucrier landrace

**Collecting descriptors**

Collecting number: PNG052
Collecting date: 27/02-22/03/88
Province: West Sepik
Nearest town: Vanimo
Place of collection: Bewari Road

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>9 - 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pseudostem height:</td>
<td>250 - 300</td>
</tr>
<tr>
<td>Bunch weight (cycle 1 (kg)):</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Number of hands (cycle 1):</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Stain length (cycle 1 (cm)):</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

**Observation at collecting site**

Use of the fruit: Dessert
Collectors notes: Not male fertile; no seeds; stamens red; many suckers; = Pisang Mas

Presence of pests and diseases:
Black leaf streak: 1
Cordana: 2
Red leaf: 0
Freckle: 0

**Hawain No. 2**

**ITC** accession number: ITC.1209

Synonyms: M. acuminata
Genus: Musa
Species/Group: Eumusa
Subspecies/Subgroup: banksii
Status of the plant: wild

**Collecting descriptors**

Collecting number: PNG059
Collecting date: 27/02-22/03/88
Province: East Sepik
Nearest town: Wewak
Place of collection: Hawaiian

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>13 - 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pseudostem height:</td>
<td>250 - 300</td>
</tr>
<tr>
<td>Bunch weight (cycle 1 (kg)):</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Number of hands (cycle 1):</td>
<td>8 - 9</td>
</tr>
<tr>
<td>Fruit length (cycle 1 (cm)):</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

**Observation at collecting site**

Use of the fruit: Wild
Collectors notes: Male fertile; seeds

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 2
Freckle: 2
Black cross: 0
Speckle: 0
Hawaiin No. 3

**Accession descriptors**

**ITC accession number:** ITC.0602

**Synonyms:**

- Musa
- Eumusa

**Genus:**

- acuminata

**Section:**

- banksii

**Species/Group:**

- wild

**Status of the plant:**

- Collecting descriptors

**Collecting number:** PNG060

**Collecting date:** 27/02-22/03/88

**Province:** East Sepik

**Nearest town:** Wewak

**Place of collection:** Parom

**Plant crop cycle** (cycle 1) (mth): 11 - 12

**Ratoon crop cycle** (cycle 2) (mth): 11 - 12

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm):
  - cycle 1 (kg):
  - cycle 2 (kg):

**Bunch weight**

- cycle 1 (kg):
  - cycle 2 (kg):

**Number of hands**

- cycle 1:
- cycle 2:

**Number of fruits**

- cycle 1:
- cycle 2:

**Fruit length**

- cycle 1 (cm):
  - cycle 2 (cm):

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male fertile; seeds

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 0
- Speckle: 0

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Somani

**Accession descriptors**

**ITC accession number:** ITC.0603

**Synonyms:**

- Musa
- Eumusa

**Genus:**

- AA

**Section:**

- landrace

**Species/Group:**

- wild

**Status of the plant:**

- Collecting descriptors

**Collecting number:** PNG064

**Collecting date:** 27/02-22/03/88

**Province:** East Sepik

**Nearest town:** Wewak

**Place of collection:** Mundihorengi

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 12 - 13

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm):

**Bunch weight**

- cycle 1 (kg):
  - cycle 2 (kg):

**Number of hands**

- cycle 1:
- cycle 2:

**Number of fruits**

- cycle 1:
- cycle 2:

**Fruit length**

- cycle 1 (cm):
  - cycle 2 (cm):

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male fertile; no seeds; like ‘Horn Plantain’

**Presence of pests and diseases:**

- Black leaf streak: 1
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0
**Accession descriptors**

**Musa**

**Japaraka No. 1**

**PNG065**

**Evaluation site:** South Johnstone, QDPI, AUS

<table>
<thead>
<tr>
<th>Accession number:</th>
<th>ITC.0604</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td>Musa x Eumusa</td>
</tr>
<tr>
<td>Genus:</td>
<td>Eumusa</td>
</tr>
<tr>
<td>Section:</td>
<td>acuminata x schizocarpa</td>
</tr>
<tr>
<td>Species/Group:</td>
<td>wild</td>
</tr>
<tr>
<td>Status of the plant:</td>
<td>PNG065</td>
</tr>
</tbody>
</table>

**Collecting descriptors**

| Collecting number:     | PNG065 |
| Collecting date:       | 27/02-22/03/88 |
| Province:              | East Sepik |
| Nearest town:          | Wewak |
| Place of collection:   | Japaraka 1 |

**Plant crop cycle**

(phenology 1) (mth): 15 - 16

**Ratoon crop cycle**

(phenology 2) (mth): 15 - 16

**Pseudostem height**

- cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 300 - 350

**Bunch weight**

- cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10

**Number of hands**

- cycle 1: 8 - 9
  - cycle 2: 9 - 10

**Number of fruits**

- cycle 1: 15 - 20
  - cycle 2: 10 - 15

**Fruit length**

- cycle 1 (cm): 8 - 9
  - cycle 2 (cm): 7 - 8

**Susceptibility to yellow Sigatoka:**

very low or no visible sign

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**Obervation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male fertile; seeds

**Presence of pests and diseases:**

<table>
<thead>
<tr>
<th>Black leaf streak: 1</th>
<th>Cordana: 2</th>
<th>Freckle: 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black cross: 0</td>
<td>Speckle: 0</td>
<td></td>
</tr>
</tbody>
</table>

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**Accession descriptors**

**Japaraka No. 2**

**PNG066**

**Evaluation site:** South Johnstone, QDPI, AUS

<table>
<thead>
<tr>
<th>Accession number:</th>
<th>ITC.0605</th>
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<tbody>
<tr>
<td>Synonyms:</td>
<td>PNG102; 275</td>
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<tr>
<td>Genus:</td>
<td>Musa</td>
</tr>
<tr>
<td>Section:</td>
<td>Eumusa</td>
</tr>
<tr>
<td>Species/Group:</td>
<td>AA landrace</td>
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<tr>
<td>Status of the plant:</td>
<td>PNG066</td>
</tr>
</tbody>
</table>

**Collecting descriptors**

| Collecting number:     | PNG066 |
| Collecting date:       | 27/02-22/03/88 |
| Province:              | East Sepik |
| Nearest town:          | Wewak |
| Place of collection:   | Japaraka 1 |

**Plant crop cycle**

(phenology 1) (mth): 12 - 13

**Ratoon crop cycle**

(phenology 2) (mth): 12 - 13

**Pseudostem height**

- cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 300 - 350

**Bunch weight**

- cycle 1 (kg): 6 - 7
  - cycle 2 (kg): 7 - 8

**Number of hands**

- cycle 1: 6 - 7
  - cycle 2: 7 - 8

**Number of fruits**

- cycle 1: 10 - 15
  - cycle 2: 15 - 20

**Fruit length**

- cycle 1 (cm): 20 - 25
  - cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:**

high
**Musa**

**Accession descriptors**

<table>
<thead>
<tr>
<th>Accession number</th>
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<tr>
<td><strong>Synonyms:</strong></td>
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<tr>
<td><strong>Genus:</strong></td>
<td>Ensete</td>
</tr>
<tr>
<td><strong>Section:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Species/Group:</strong></td>
<td><em>glaucum</em></td>
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<tr>
<td><strong>Subspecies/Subgroup:</strong></td>
<td>wild</td>
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<td><strong>Status of the plant:</strong></td>
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**Collecting descriptors**

<table>
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<tr>
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<tbody>
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<td><strong>Collecting date:</strong></td>
<td>27/02-22/03/88</td>
</tr>
<tr>
<td><strong>Province:</strong></td>
<td>East New Britain</td>
</tr>
<tr>
<td><strong>Nearest town:</strong></td>
<td>Rabaul</td>
</tr>
<tr>
<td><strong>Place of collection:</strong></td>
<td>Ulaulatava</td>
</tr>
</tbody>
</table>

| **Plant crop cycle** (cycle 1) (mth): | 21 - 22 |
| **Ratoon crop cycle** (cycle 2) (mth): |          |
| **Pseudostem height** - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): |          |
| **Bunch weight** - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): |          |
| **Number of hands** - cycle 1: | 22 - 23 |
| - cycle 2: |          |
| **Number of fruits** - cycle 1: |          |
| - cycle 2: |          |
| **Fruit length** - cycle 1 (cm): | 5 - 10 |
| - cycle 2 (cm): |          |
| **Susceptibility to yellow Sigatoka:** | n.a. |

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male fertile; seeds; previously common in this area, now rare; Speckle: Veronese musae + Macrophomina spp.

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 0
- Speckle: 2

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**Kekiau**

**Accession descriptors**

<table>
<thead>
<tr>
<th>Accession number</th>
<th>ITC.0776</th>
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</thead>
<tbody>
<tr>
<td><strong>Synonyms:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Genus:</strong></td>
<td>Musa</td>
</tr>
<tr>
<td><strong>Section:</strong></td>
<td>Eumusa</td>
</tr>
<tr>
<td><strong>Species/Group:</strong></td>
<td><em>AA</em></td>
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<tr>
<td><strong>Status of the plant:</strong></td>
<td>landrace</td>
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</table>

**Collecting descriptors**

<table>
<thead>
<tr>
<th>Collecting number</th>
<th>PNG101</th>
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<tbody>
<tr>
<td><strong>Collecting date:</strong></td>
<td>22/10-27/11/88</td>
</tr>
<tr>
<td><strong>Province:</strong></td>
<td>East New Britain</td>
</tr>
<tr>
<td><strong>Nearest town:</strong></td>
<td>Rabaul</td>
</tr>
<tr>
<td><strong>Place of collection:</strong></td>
<td>Vunapalading</td>
</tr>
</tbody>
</table>

| **Plant crop cycle** (cycle 1) (mth): | 11 - 12 |
| **Ratoon crop cycle** (cycle 2) (mth): | 5 - 6 |
| **Pseudostem height** - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 300 - 350 |
| **Bunch weight** - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 10 - 15 |
| **Number of hands** - cycle 1: | 3 - 4 |
| - cycle 2: | 6 - 7 |
| **Number of fruits** - cycle 1: |          |
| - cycle 2: |          |
| **Fruit length** - cycle 1 (cm): | 25 - 30 |
| - cycle 2 (cm): | 25 - 30 |
| **Susceptibility to yellow Sigatoka:** | high |

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** No pollen; no seeds; = Altenga

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0
**Accession descriptors**

**Musa**

**Accession descriptors**

- **ITC accession number:** ITC.0777
- **Synonyms:** PNG066; 275
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG102
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Vunapalading

- **Plant crop cycle**
  - (cycle 1) (mth): 12 - 13
- **Ratoon crop cycle**
  - (cycle 2) (mth): 5 - 6
- **Pseudostem height**
  - (cycle 1) (cm): 200 - 250
  - (cycle 2) (cm): 300 - 350
- **Bunch weight**
  - (cycle 1) (kg): 10 - 15
  - (cycle 2) (kg): 15 - 20
- **Number of hands**
  - (cycle 1): 6 - 7
  - (cycle 2): 7 - 8
- **Number of fruits**
  - (cycle 1): 10 - 15
  - (cycle 2): 15 - 20
- **Fruit length**
  - (cycle 1) (cm): 20 - 25
  - (cycle 2) (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** high

---

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Robust; tall; male fertile; rust present

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

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**Pitu**

**Evaluation site:** South Johnstone, QDPI, AUS

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**Gorop**

**Accession descriptors**

- **ITC accession number:** ITC.0778
- **Synonyms:** PNG021; 113; 129; 138
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG103
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Vunapalading

- **Plant crop cycle**
  - (cycle 1) (mth): 8 - 9
- **Ratoon crop cycle**
  - (cycle 2) (mth): 6 - 7
- **Pseudostem height**
  - (cycle 1) (cm): 250 - 300
  - (cycle 2) (cm): 250 - 300
- **Bunch weight**
  - (cycle 1) (kg): 5 - 10
  - (cycle 2) (kg): 5 - 10
- **Number of hands**
  - (cycle 1): 6 - 8
  - (cycle 2): 7 - 8
- **Number of fruits**
  - (cycle 1): 20 - 25
  - (cycle 2): 20 - 25

**Susceptibility to yellow Sigatoka:** intermediate

---

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Not male fertile; no seeds

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 2
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Tangamor**

**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:** Musa

**Section:** A

**Species/Group:** landrace

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG104

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunapalading

**Plant crop cycle** (cycle 1) (mth): 10 - 11

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 10 - 15

**Number of hands** - cycle 1: 4 - 5

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 10 - 15

- cycle 2: 5 - 6

**Fruit length** - cycle 1 (cm): 25 - 30

- cycle 2 (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

- Use of the fruit: Cooking

- Collectors notes: Male fertile; no seeds

- Presence of pests and diseases:
  - Black leaf streak: 2
  - Cordana: 2
  - Freckle: 0

- Black cross: 0

- Speckle: 0

---

**Mamakila**

**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:** Musa

**Section:** AAA

**Species/Group:** landrace

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG107

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunapalading

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 10 - 15

- cycle 2 (kg): 10 - 15

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 15 - 20

- cycle 2: 10 - 12

**Fruit length** - cycle 1 (cm): 25 - 30

- cycle 2 (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

- Use of the fruit: Cooking

- Collectors notes: Robust; inhibited suckering

- Presence of pests and diseases:
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0

- Black cross: 0

- Speckle: 0
**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:**

**Section:**

**Species/Group:**

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**Collecting date:**

**Province:**

**Nearest town:**

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth):

**Ratoon crop cycle** (cycle 2) (mth):

**Pseudostem height** - cycle 1 (cm):

- cycle 2 (cm):

**Bunch weight** - cycle 1 (kg):

- cycle 2 (kg):

**Number of hands** - cycle 1:

- cycle 2:

**Number of fruits** - cycle 1:

- cycle 2:

**Fruit length** - cycle 1 (cm):

- cycle 2 (cm):

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**

Black leaf streak: 0

Cordana: 2

Freckle: 0

Black cross: 2

Speckle: 0

---

**Musa**

**Mangara**

**PNG108**

EVALUATION

Observation at collecting site

Use of the fruit: Cooking

Collectors notes: Not male fertile; no seeds

Presence of pests and diseases:

Black leaf streak: 0

Cordana: 2

Freckle: 0

Black cross: 2

Speckle: 0

---

**Apindikay**

**PNG110**

EVALUATION

Observation at collecting site

Use of the fruit: Cooking

Collectors notes: Orange flesh

Presence of pests and diseases:

Black leaf streak: 0

Cordana: 0

Freckle: 0

Black cross: 0

Speckle: 0
Avalira

Accession descriptors

ITC accession number: ITC.0986
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG111
Collecting date: 22/10-27/11/88
Province: East New Britain
Nearest town: Rabaul
Place of collection: Vunapalading

Evaluation

Plant crop cycle (cycle 1) (mth): 11 - 12
Ratoon crop cycle (cycle 2) (mth): 6 - 7
Pseudostem height - cycle 1 (cm): 200 - 250
- cycle 2 (cm): 250 - 300
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 10 - 15
Number of hands - cycle 1: 4 - 5
- cycle 2: 4 - 5
Number of fruits - cycle 1: 10 - 15
- cycle 2: 3 - 4
Fruit length - cycle 1 (cm): 20 - 25
- cycle 2 (cm): 25 - 30
Susceptibility to yellow Sigatoka: low

Observation at collecting site

Use of the fruit: Cooking
Collectors notes: Robust plant; green/white chimera
Presence of pests and diseases:
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0

Agul

Accession descriptors

ITC accession number: ITC.0782
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG112
Collecting date: 22/10-27/11/88
Province: East New Britain
Nearest town: Rabaul
Place of collection: Vunapalading

Evaluation

Plant crop cycle (cycle 1) (mth): 12 - 13
Ratoon crop cycle (cycle 2) (mth): 5 - 6
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 250 - 300
Bunch weight - cycle 1 (kg): 10 - 15
- cycle 2 (kg): 15 - 20
Number of hands - cycle 1: 3 - 4
- cycle 2: 6 - 7
Number of fruits - cycle 1: 3 - 4
- cycle 2: 6 - 7
Fruit length - cycle 1 (cm): 30 - 35
- cycle 2 (cm): 30 - 35
Susceptibility to yellow Sigatoka: high

Observation at collecting site

Use of the fruit: Cooking
Collectors notes: Male fertile; no seeds; = Rangalka; badly affected by nematodes
Presence of pests and diseases:
Black leaf streak: 2
Cordana: 2
Freckle: 0
Black cross: 2
Speckle: 0
**Alom**

**Accession descriptors**

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<td>Status of the plant:</td>
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**Collecting descriptors**

| Collecting number:   | PNG113 |
| Collecting date:     | 22/10-27/11/88 |
| Province:            | East New Britain |
| Nearest town:        | Rabaul |
| Place of collection: | Vunapalading |

| Plant crop cycle       | (cycle 1) (mth): 8 - 9 |
| Ratoon crop cycle      | (cycle 2) (mth): 4 - 5 |
| Pseudostem height      | - cycle 1 (cm): 250 - 300 |
|                        | - cycle 2 (cm): 200 - 250 |
| Bunch weight           | - cycle 1 (kg): 5 - 10 |
|                        | - cycle 2 (kg): 5 - 10 |
| Number of hands        | - cycle 1: 5 - 6 |
|                        | - cycle 2: 6 - 7 |
| Number of fruits       | - cycle 1: 5 - 6 |
|                        | - cycle 2: 7 - 8 |
| Fruit length           | - cycle 1 (cm): 25 - 30 |
|                        | - cycle 2 (cm): 20 - 25 |

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** = PNG010 (Spiral)

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0

---

**Tamai**

**Accession descriptors**

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<td>Status of the plant:</td>
<td>landrace</td>
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**Collecting descriptors**

| Collecting number:   | PNG114 |
| Collecting date:     | 22/10-27/11/88 |
| Province:            | East New Britain |
| Nearest town:        | Rabaul |
| Place of collection: | Vunapalading |

| Plant crop cycle       | (cycle 1) (mth): 11 - 12 |
| Ratoon crop cycle      | (cycle 2) (mth): 6 - 7 |
| Pseudostem height      | - cycle 1 (cm): 250 - 300 |
|                        | - cycle 2 (cm): 300 - 350 |
| Bunch weight           | - cycle 1 (kg): 10 - 15 |
|                        | - cycle 2 (kg): 10 - 15 |
| Number of hands        | - cycle 1: 4 - 5 |
|                        | - cycle 2: 7 - 8 |
| Number of fruits       | - cycle 1: 4 - 5 |
|                        | - cycle 2: 7 - 8 |
| Fruit length           | - cycle 1 (cm): 25 - 30 |
|                        | - cycle 2 (cm): 25 - 30 |

**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Not male fertile; no seeds; stigma black at tip

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0
**Aivip**

**Accession descriptors**
- **ITC accession number:** ITC.0785
- **Synonyms:** PNG013; 104
- **Genus:** Musa
- **Species/Group:** Eumusa
- **Subspecies/Subgroup:** AA
- **Status of the plant:** landrace

**Collecting descriptors**
- **Collecting number:** PNG115
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Vunapalading

**Evaluation**
- **Plant crop cycle:** (cycle 1) (mth): 9 - 10
- **Ratoon crop cycle:** (cycle 2) (mth): 7 - 8
- **Pseudostem height:** - cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 250 - 300
- **Bunch weight:** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 10 - 15
- **Number of hands:** - cycle 1: 2 - 3
  - cycle 2: 7 - 8
- **Number of fruits:** - cycle 1: 2 - 3
  - cycle 2: 7 - 8
- **Fruit length:** - cycle 1 (cm): 25 - 30
  - cycle 2 (cm): 25 - 30
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**
- **Use of the fruit:** Cooking
- **Collectors notes:** No seeds
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

---

**Katual No. 2**

**Accession descriptors**
- **ITC accession number:** ITC.0786
- **Synonyms:** Musa
- **Genus:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace
- **Status of the plant:** landrace

**Collecting descriptors**
- **Collecting number:** PNG117
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Vunapalading

**Evaluation**
- **Plant crop cycle:** (cycle 1) (mth): 12 - 13
- **Ratoon crop cycle:** (cycle 2) (mth): 5 - 6
- **Pseudostem height:** - cycle 1 (cm): 300 - 350
  - cycle 2 (cm): 300 - 350
- **Bunch weight:** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 10 - 15
- **Number of hands:** - cycle 1: 6 - 7
  - cycle 2: 6 - 7
- **Number of fruits:** - cycle 1: 20 - 25
  - cycle 2: 20 - 25
- **Fruit length:** - cycle 1 (cm): 20 - 25
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**
- **Use of the fruit:** Cooking
- **Collectors notes:**
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
**Musa**

**Accession descriptors**

**ITC accession number:** Musa.0787

- **Synonyms:** Musa
- **Genus:** Eumusa
- **Section:** ABB
- **Species/Group:** landrace
- **Subspecies/Subgroup:** PNG118
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG118
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Vunalir

**Observation at collecting site**

- **Use of the fruit:** Cooking and dessert
- **Collectors notes:** Good suckering; no seeds
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0

---

**Katual Vunalir**

**Accession descriptors**

**ITC accession number:** Musa.0788

- **Collecting number:** PNG119
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Vunalir

**Observation at collecting site**

- **Use of the fruit:** Cooking and dessert
- **Collectors notes:** Good suckering; no seeds
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0

---

**Evaluation site:** South Johnstone, QDPI, AUS

**Evaluation site:** South Johnstone, QDPI, AUS
Lagar Vunalir

**Accession descriptors**

**ITC accession number:** ITC.0789

**Synonyms:** Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Subspecies/Subgroup:** PNG120

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG120

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunalir

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 11 - 12

**Pseudostem height** - cycle 1 (cm): 300 - 350

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 8 - 9

- cycle 2: 7 - 8

**Number of fruits** - cycle 1: 8 - 9

- cycle 2: 7 - 8

**Fruit length** - cycle 1 (cm): 20 - 25

- cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Tall plant; not male fertile; no seeds; stamens slightly pink

**Presence of pests and diseases:**

Black leaf streak: 0

Cordana: 2

Freckle: 0

Black cross: 2

Speckle: 0

Kokor

**Accession descriptors**

**ITC accession number:** ITC.0791

**Synonyms:** PNG190

**Genus:** Musa

**Section:** AAS

**Species/Group:** landrace

**Subspecies/Subgroup:** PNG123

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG123

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Tingenavudu

**Plant crop cycle** (cycle 1) (mth): 10 - 11

**Ratoon crop cycle** (cycle 2) (mth): 7 - 8

**Pseudostem height** - cycle 1 (cm): 300 - 350

- cycle 2 (cm): 400 - 450

**Bunch weight** - cycle 1 (kg): 10 - 15

- cycle 2 (kg): 25 - 30

**Number of hands** - cycle 1: 7 - 8

- cycle 2: 13 - 14

**Number of fruits** - cycle 1: 8 - 9

- cycle 2: 7 - 8

**Fruit length** - cycle 1 (cm): 20 - 25

- cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:** Little pollen and occasional seeds; good suckering; fruit somewhat sour in taste

**Presence of pests and diseases:**

Black leaf streak: 2

Cordana: 2

Freckle: 0

Black cross: 0

Speckle: 0
**Accession descriptors**

**Musa**

**P**assport

**Accession number:** ITC.0792

**Synonyms:** Pisang Jari Buaya

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG124

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Tingenavudu

**Plant crop cycle**

- (cycle 1) (mth): 15 - 16

**Ratoon crop cycle**

- (cycle 2) (mth): 7 - 8

**Pseudostem height**

- cycle 1 (cm): 300 - 350

- cycle 2 (cm): 400 - 450

**Bunch weight**

- cycle 1 (kg): 10 - 15

- cycle 2 (kg): 20 - 25

**Number of hands**

- cycle 1: 8 - 9

- cycle 2: 12 - 13

**Number of fruits**

- cycle 1: 10 - 15

- cycle 2: 10 - 15

**Fruit length**

- cycle 1 (cm): 20 - 25

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** = Pisang Jari Buaya, like PNG032, very tall and robust; many suckers; stamens pink; red colouration of roots

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 2
- Freckle: 0

**Observation at evaluation site:**

**Use of the fruit:** Dessert

**Collectors notes:** = PNG034; PNG1437

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**Accession descriptors**

**Musa**

**P**assport

**Accession number:** ITC.0987

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG125

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Ulaulatava

**Plant crop cycle**

- (cycle 1) (mth): 15 - 16

**Ratoon crop cycle**

- (cycle 2) (mth): 5 - 6

**Pseudostem height**

- cycle 1 (cm): 350 - 400

- cycle 2 (cm): 450 - 500

**Bunch weight**

- cycle 1 (kg): 10 - 15

- cycle 2 (kg): 10 - 15

**Number of hands**

- cycle 1: 7 - 8

- cycle 2: 9 - 10

**Number of fruits**

- cycle 1: 10 - 15

- cycle 2: 10 - 15

**Fruit length**

- cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** = PNG034; PNG1437

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0

**Observation at evaluation site:**

**Use of the fruit:** Dessert

**Collectors notes:** = PNG034, PNG1437

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
### Karakum

**Accession descriptors**

**ITC accession number:** ITC.0793  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace

**Collecting descriptors**

**Collecting number:** PNG126  
**Collecting date:** 22/10-27/11/88  
**Province:** East New Britain  
**Nearest town:** Rabaul  
**Place of collection:** Rapitok No. 3

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 8 - 9  
- **Ratoon crop cycle** (cycle 2) (mth): 7 - 8  
- **Pseudostem height** - cycle 1 (cm): 200 - 250  
  - cycle 2 (cm): 250 - 300  
- **Bunch weight** - cycle 1 (kg): 0 - 5  
  - cycle 2 (kg): 5 - 10  
- **Number of hands** - cycle 1: 4 - 5  
  - cycle 2: 6 - 7  
- **Number of fruits** - cycle 1: 4 - 5  
  - cycle 2: 6 - 7  
- **Fruit length** - cycle 1 (cm): 20 - 25  
  - cycle 2 (cm): 20 - 25  
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

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<th>Presence of pests and diseases:</th>
<th>Black leaf streak: 0</th>
<th>Cordana: 2</th>
<th>Freckle: 0</th>
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<td>Cooking</td>
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<td>Collectors notes:</td>
<td>No seeds; affected by nematodes</td>
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### Lalalur

**Accession descriptors**

**ITC accession number:** ITC.0794  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace

**Collecting descriptors**

**Collecting number:** PNG129  
**Collecting date:** 22/10-27/11/88  
**Province:** East New Britain  
**Nearest town:** Rabaul  
**Place of collection:** Rapitok No. 3

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 8 - 9  
- **Ratoon crop cycle** (cycle 2) (mth): 7 - 8  
- **Pseudostem height** - cycle 1 (cm): 200 - 250  
  - cycle 2 (cm): 250 - 300  
- **Bunch weight** - cycle 1 (kg): 0 - 5  
  - cycle 2 (kg): 5 - 10  
- **Number of hands** - cycle 1: 4 - 5  
  - cycle 2: 6 - 7  
- **Number of fruits** - cycle 1: 4 - 5  
  - cycle 2: 6 - 7  
- **Fruit length** - cycle 1 (cm): 20 - 25  
  - cycle 2 (cm): 20 - 25  
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

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<th>Cordana: 2</th>
<th>Freckle: 0</th>
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<th>Black leaf streak: 2</th>
<th>Cordana: 2</th>
<th>Freckle: 0</th>
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<td>Use of the fruit:</td>
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<tr>
<td>Collectors notes:</td>
<td>No seeds; affected by nematodes</td>
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Daru
PNG131

Accession descriptors

ITC accession number: ITC.0795
Synonyms: PNG148
Genus: Musa
Section: Eumusa
Species/Group: ABB
Subspecies/Subgroup: landrace
Status of the plant:

Collecting descriptors

Collecting number: PNG131
Collecting date: 22/10-27/11/88
Province: East New Britain
Nearest town: Rabaul
Place of collection: Rapitok No. 3

Plant crop cycle
- cycle 1 (mth): 21 - 22
- cycle 2 (mth): 9 - 10
Ratoon crop cycle
- cycle 1 (mth): 450 - 500
- cycle 2 (mth): 500 - 550
Pseudostem height
- cycle 1 (cm): 25 - 30
- cycle 2 (cm): 40 - 45
Bunch weight
- cycle 1 (kg): 7 - 8
- cycle 2 (kg): 7 - 8
Number of hands
- cycle 1: 20 - 25
- cycle 2: 20 - 25
Number of fruits
- cycle 1: 7 - 8
- cycle 2: 7 - 8
Fruit length
- cycle 1 (cm): 5 - 6
- cycle 2 (cm): 10 - 15
Susceptibility to yellow Sigatoka: very low or no visible sign

Observation at collecting site

Use of the fruit: Cooking and dessert
Collectors notes: Introduced from Daru Island

Presence of pests and diseases:
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

Kirkirnan
PNG132

Accession descriptors

ITC accession number: ITC.0796
Synonyms: PNG139
Genus: Musa
Section: Eumusa
Species/Group: AAA
Subspecies/Subgroup: landrace
Status of the plant:

Collecting descriptors

Collecting number: PNG132
Collecting date: 22/10-27/11/88
Province: East New Britain
Nearest town: Rabaul
Place of collection: Rapitok No. 3

Plant crop cycle
- cycle 1 (mth): 8 - 9
- cycle 2 (mth): 5 - 6
Ratoon crop cycle
- cycle 1 (mth): 200 - 250
- cycle 2 (mth): 250 - 300
Pseudostem height
- cycle 1 (cm): 5 - 10
- cycle 2 (cm): 7 - 8
Bunch weight
- cycle 1 (kg): 0 - 5
- cycle 2 (kg): 0 - 5
Number of hands
- cycle 1: 4 - 5
- cycle 2: 4 - 5
Number of fruits
- cycle 1: 15 - 20
- cycle 2: 15 - 20
Fruit length
- cycle 1 (cm): 10 - 15
- cycle 2 (cm): 15 - 20
Susceptibility to yellow Sigatoka: intermediate

Observation at collecting site

Use of the fruit: Cooking and dessert
Collectors notes: Male flowers irregular; colour not fading on inside of the male bract

Presence of pests and diseases:
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
### Accession descriptors

**Musa**

**Accession number:**

**ITC accession number:**

**ITC.0797**

**Synonyms:**

**PNG015**

**Genus:**

**Musa**

**Section:**

**Eumusa**

**Species/Group:**

**AA**

**Subspecies/Subgroup:**

**landrace**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**PNG135**

**Collecting date:**

22/10-27/11/88

**Province:**

East New Britain

**Nearest town:**

Rabaul

**Place of collection:**

Rapitok No. 3

**Plant crop cycle**

- cycle 1 (mth): 8 - 9
- cycle 2 (mth): 7 - 8

**Ratoon crop cycle**

- cycle 1 (mth): 150 - 200
- cycle 2 (mth): 200 - 250

**Pseudostem height**

- cycle 1 (cm): 5 - 10
- cycle 2 (cm): 5 - 10

**Bunch weight**

- cycle 1 (kg): 6 - 7
- cycle 2 (kg): 7 - 8

**Number of hands**

- cycle 1: 10 - 15
- cycle 2: 15 - 20

**Number of fruits**

- cycle 1: 20 - 25
- cycle 2: 20 - 25

**Fruit length**

- cycle 1 (cm): low
- cycle 2 (cm): low

**Susceptibility to yellow Sigatoka:**

intermediate

### Observation at collecting site

**Use of the fruit:**

Cooking and dessert

**Collectors notes:**

Small, slender plant; pollen present

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

### Accession descriptors

**Musa**

**Accession number:**

**ITC.0798**

**Synonyms:**

**PNG136**

**Genus:**

**Musa**

**Section:**

**Eumusa**

**Species/Group:**

**AA**

**Subspecies/Subgroup:**

**landrace**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**PNG136**

**Collecting date:**

22/10-27/11/88

**Province:**

East New Britain

**Nearest town:**

Rabaul

**Place of collection:**

Warangoi

**Plant crop cycle**

- cycle 1 (mth): 13 - 14
- cycle 2 (mth): 15 - 20

**Ratoon crop cycle**

- cycle 1 (mth): 250 - 300
- cycle 2 (mth): 15 - 20

**Pseudostem height**

- cycle 1 (cm): 8 - 9
- cycle 2 (cm): 8 - 9

**Bunch weight**

- cycle 1 (kg): 6 - 7
- cycle 2 (kg): 7 - 8

**Number of hands**

- cycle 1: 10 - 15
- cycle 2: 15 - 20

**Number of fruits**

- cycle 1: 20 - 25
- cycle 2: 20 - 25

**Fruit length**

- cycle 1 (cm): low
- cycle 2 (cm): low

**Susceptibility to yellow Sigatoka:**

intermediate

### Observation at collecting site

**Use of the fruit:**

Cooking and dessert

**Collectors notes:**

Robust; pollen present

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Accession descriptors**

**Musa**

**Accession descriptors**

**Palakaur**

**ITC accession number:** ITC.0799

**Synonyms:** PNG021; 103; 113; 129

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG138

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Warangoi

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>9 - 10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>250 - 300</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>250 - 300</td>
</tr>
<tr>
<td>Bunch weight - cycle 1 (kg):</td>
<td>0 - 5</td>
</tr>
<tr>
<td>- cycle 2 (kg):</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Number of hands - cycle 1:</td>
<td>5 - 6</td>
</tr>
<tr>
<td>- cycle 2:</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Number of fruits - cycle 1:</td>
<td>- cycle 2:</td>
</tr>
<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>25 - 30</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>20 - 25</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>intermediate</td>
</tr>
</tbody>
</table>

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Robust

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

**Black cross:** 0
**Speckle:** 0

---

**Tabunatar**

**ITC accession number:** ITC.0988

**Synonyms:** PNG132

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG139

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Kokopo

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>8 - 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>200 - 250</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>250 - 300</td>
</tr>
<tr>
<td>Bunch weight - cycle 1 (kg):</td>
<td>0 - 5</td>
</tr>
<tr>
<td>- cycle 2 (kg):</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Number of hands - cycle 1:</td>
<td>4 - 5</td>
</tr>
<tr>
<td>- cycle 2:</td>
<td>6 - 7</td>
</tr>
<tr>
<td>Number of fruits - cycle 1:</td>
<td>- cycle 2:</td>
</tr>
<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>15 - 20</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>15 - 20</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>intermediate</td>
</tr>
</tbody>
</table>

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0

**Black cross:** 0
**Speckle:** 0
**Accession descriptors**

ITC accession number: ITC.1211

- **Synonyms:**
  - Genus: **Musa**
  - Section: Eumusa
  - Species/Group: AA
  - Subspecies/Subgroup: landrace

**Collecting descriptors**

- **Collecting number:** PNG140
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Kokopo

**Evaluation**

- **Plant crop cycle:** (cycle 1) (mth): 6 - 7
- **Ratoon crop cycle:** (cycle 2) (mth): 6 - 7
- **Pseudostem height:**
  - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 250 - 300
- **Bunch weight:**
  - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10
- **Number of hands:**
  - cycle 1: 5 - 6
  - cycle 2: 5 - 6
- **Number of fruits:**
  - cycle 1: 15 - 20
  - cycle 2: 15 - 20
- **Fruit length:**
  - cycle 1 (cm): low
  - cycle 2 (cm): low
- **Susceptibility to yellow Sigatoka:**
  - low

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:**
  - Presence of pests and diseases:
    - Black leaf streak: 0
    - Cordana: 2
    - Freckle: 0
    - Black cross: 0
    - Speckle: 0

---

**Accession descriptors**

ITC accession number: ITC.0800

- **Synonyms:**
  - Genus: **Musa**
  - Section: Eumusa
  - Species/Group: ABB
  - Subspecies/Subgroup: landrace

**Collecting descriptors**

- **Collecting number:** PNG141
- **Collecting date:** 22/10-27/11/88
- **Province:** East New Britain
- **Nearest town:** Rabaul
- **Place of collection:** Kokopo

**Evaluation**

- **Plant crop cycle:** (cycle 1) (mth): 17 - 18
- **Ratoon crop cycle:** (cycle 2) (mth): 11 - 12
- **Pseudostem height:**
  - cycle 1 (cm): 450 - 500
  - cycle 2 (cm): 450 - 500
- **Bunch weight:**
  - cycle 1 (kg): 10 - 15
  - cycle 2 (kg): 15 - 20
- **Number of hands:**
  - cycle 1: 8 - 9
  - cycle 2: 9 - 10
- **Number of fruits:**
  - cycle 1: 15 - 20
  - cycle 2: 15 - 20
- **Fruit length:**
  - cycle 1 (cm): low
  - cycle 2 (cm): low
- **Susceptibility to yellow Sigatoka:**
  - low

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:**
  - Presence of pests and diseases:
    - Black leaf streak: 0
    - Cordana: 0
    - Freckle: 2
    - Black cross: 0
    - Speckle: 0

- **Preservation site:** South Johnstone, QDPI, AUS
Accession descriptors

**Musa**
**ITC accession number:**
ITC.0989
**Synonyms:**
PNG020
**Genus:**
Musa
**Section:**
Eumusa
**Species/Group:**
AA
**Subspecies/Subgroup:**
PNG142
**Status of the plant:**
landrace

Collecting descriptors

**Collecting number:**
PNG142
**Collecting date:**
22/10-27/11/88
**Province:**
East New Britain
**Nearest town:**
Rabaul
**Place of collection:**
Vunamami

Plant crop cycle (cycle 1) (mth):
9 - 10
Ratoon crop cycle (cycle 2) (mth):
7 - 8
Pseudostem height - cycle 1 (cm):
250 - 300
- cycle 2 (cm):
300 - 350
Bunch weight - cycle 1 (kg):
5 - 10
- cycle 2 (kg):
10 - 15
Number of hands - cycle 1:
4 - 5
- cycle 2:
7 - 8
Number of fruits - cycle 1:
4 - 5
- cycle 2:
7 - 8
Fruit length - cycle 1 (cm):
25 - 30
- cycle 2 (cm):
25 - 30
Susceptibility to yellow Sigatoka:
intermediate

Evaluation site:
South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit:
Cooking
Collectors notes:
Sun-exposed peel becomes red

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 2
Freckle: 0
Black cross: 2
Speckle: 0

---

Accession descriptors

**Musa**
**ITC accession number:**
ITC.0990
**Synonyms:**
PNG034
**Genus:**
Musa
**Section:**
Eumusa
**Species/Group:**
AB
**Subspecies/Subgroup:**
PNG143
**Status of the plant:**
landrace

Collecting descriptors

**Collecting number:**
PNG143
**Collecting date:**
22/10-27/11/88
**Province:**
East New Britain
**Nearest town:**
Rabaul
**Place of collection:**
Vunapope

Plant crop cycle (cycle 1) (mth):
16 - 17
Ratoon crop cycle (cycle 2) (mth):
8 - 9
Pseudostem height - cycle 1 (cm):
350 - 400
- cycle 2 (cm):
450 - 500
Bunch weight - cycle 1 (kg):
10 - 15
- cycle 2 (kg):
10 - 15
Number of hands - cycle 1:
9 - 10
- cycle 2:
11 - 12
Number of fruits - cycle 1:
9 - 10
- cycle 2:
10 - 15
Fruit length - cycle 1 (cm):
10 - 15
- cycle 2 (cm):
10 - 15
Susceptibility to yellow Sigatoka:
very low or no visible sign

Evaluation site:
South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit:
Cooking
Collectors notes:

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 2
Freckle: 0
Black cross: 2
Speckle: 0
**Musa**

**Accession descriptors**

**Accession number:** ITC.0801

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AS

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG144

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunamami

**Evaluation**

- **Plant crop cycle (cycle 1) (mth):** 11 - 12
- **Ratoon crop cycle (cycle 2) (mth):** 11 - 12
- **Pseudostem height - cycle 1 (cm):** 300 - 350
- **- cycle 2 (cm):** 300 - 350
- **Bunch weight - cycle 1 (kg):** 10 - 15
- **- cycle 2 (kg):** 15 - 20
- **Number of hands - cycle 1:** 9 - 10
- **- cycle 2:** 11 - 12
- **Number of fruits - cycle 1:** 15 - 20
- **- cycle 2:** 15 - 20
- **Fruit length - cycle 1 (cm):** 15 - 20
- **- cycle 2 (cm):** 15 - 20
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- **Use of the fruit:** Cooking and dessert
- **Collectors notes:**
  - **Presence of pests and diseases:**
    - Black leaf streak: 0
    - Cordana: 2
    - Freckle: 0
    - Black cross: 0
    - Speckle: 0

---

**Kalapua No. 2**

**Accession descriptors**

**Accession number:** ITC.0991

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** ABB

**Subspecies/Subgroup:** Kalapua

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG145

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Vunapope

**Evaluation**

- **Plant crop cycle (cycle 1) (mth):** 18 - 19
- **Ratoon crop cycle (cycle 2) (mth):** 12 - 13
- **Pseudostem height - cycle 1 (cm):** 350 - 400
- **- cycle 2 (cm):** 450 - 500
- **Bunch weight - cycle 1 (kg):** 20 - 25
- **- cycle 2 (kg):** 25 - 30
- **Number of hands - cycle 1:** 10 - 11
- **- cycle 2:** 9 - 10
- **Number of fruits - cycle 1:** 15 - 20
- **- cycle 2:** 15 - 20
- **Fruit length - cycle 1 (cm):** 15 - 20
- **- cycle 2 (cm):** 15 - 20
- **Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

- **Use of the fruit:** Orange tip to compound tepal
- **Collectors notes:**
  - **Presence of pests and diseases:**
    - Black leaf streak: 0
    - Cordana: 0
    - Freckle: 2
    - Black cross: 0
    - Speckle: 0
**Accession descriptors**

**ITC accession number:** ITC.0802

**Synonyms:** PNG146

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG146

**Collecting date:** 22/10-27/11/88

**Province:** East New Britain

**Nearest town:** Rabaul

**Place of collection:** Kokopo

**Plant crop cycle** (cycle 1) (mth): 10 - 11

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** - cycle 1 (cm): 350 - 400

- cycle 2 (cm): 450 - 500

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 20 - 25

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 10 - 11

**Number of fruits** - cycle 1: 5 - 6

- cycle 2: 10 - 11

**Fruit length** - cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**Accession descriptors**

**ITC accession number:** ITC.0803

**Synonyms:** PNG131

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** ABB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG148

**Collecting date:** 22/10-27/11/88

**Province:** Port Moresby

**Nearest town:** Laloki collection

**Plant crop cycle** (cycle 1) (mth): 21 - 22

**Ratoon crop cycle** (cycle 2) (mth): 9 - 10

**Pseudostem height** - cycle 1 (cm): 450 - 500

- cycle 2 (cm): 550 - 600

**Bunch weight** - cycle 1 (kg): 25 - 30

- cycle 2 (kg): 35 - 40

**Number of hands** - cycle 1: 9 - 10

- cycle 2: 7 - 8

**Number of fruits** - cycle 1: 9 - 10

- cycle 2: 7 - 8

**Fruit length** - cycle 1 (cm): 20 - 25

- cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Accession descriptors**

**ITC accession number:** ITC.0804

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** ABB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG149

**Collecting date:** 22/10-27/11/88

**Province:** Port Moresby

**Nearest town:** Laloki collection

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth): 19 - 20

**Ratoon crop cycle** (cycle 2) (mth): 10 - 11

**Pseudostem height**

- cycle 1 (cm): 500 - 550
- cycle 2 (cm): 600 - 650

**Bunch weight**

- cycle 1 (kg): 30 - 35
- cycle 2 (kg): 30 - 35

**Number of hands**

- cycle 1: 9 - 10
- cycle 2: 7 - 8

**Number of fruits**

- cycle 1: 35 - 36
- cycle 2: 35 - 36

**Fruit length**

- cycle 1 (cm): 15 - 20
- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** very low or no visible sign

---

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Very vigorous plant

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 2
- Black cross: 2
- Speckle: 0

---

**Accession descriptors**

**ITC accession number:** ITC.0805

**Synonyms:**

**Genus:** Musa

**Section:** Australimusa

**Species/Group:**peekellii angustigemma

**Subspecies/Subgroup:** wild

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG150

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Erima

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth): 35 - 36

**Ratoon crop cycle** (cycle 2) (mth): 0 - 5

**Pseudostem height**

- cycle 1 (cm): 600 - 650
- cycle 2 (cm): 0 - 5

**Bunch weight**

- cycle 1 (kg): 11 - 12
- cycle 2 (kg): 5 - 10

**Number of fruits**

- cycle 1: 35 - 36
- cycle 2: 35 - 36

**Fruit length**

- cycle 1 (cm): 15 - 20
- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** very low or no visible sign

---

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Abundant in this area

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
### God Mun

**ITC accession number:** ITC.0806

**Synonyms:**
- Musa
- Eumusa

**Species/Group:**
- acuminata

**Status of the plant:** wild

**Collecting descriptors**
- **Collecting number:** PNG151
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Erima
- **Place of collection:**

<table>
<thead>
<tr>
<th>Plant crop cycle</th>
<th>(cycle 1) (mth): 11 - 12</th>
<th>(cycle 2) (mth): 5 - 6</th>
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</thead>
<tbody>
<tr>
<td>Ratoon crop cycle</td>
<td>(cycle 1) (mth): 250 - 300</td>
<td>(cycle 2) (mth): 300 - 350</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>- cycle 1 (cm): 9 - 10</td>
<td>- cycle 2 (cm): 12 - 13</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>- cycle 1 (kg): 10 - 15</td>
<td>- cycle 2 (kg): 10 - 15</td>
</tr>
<tr>
<td>Number of hands</td>
<td>- cycle 1: 10 - 15</td>
<td>- cycle 2: 10 - 15</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>- cycle 1: 10 - 15</td>
<td>- cycle 2: 10 - 15</td>
</tr>
<tr>
<td>Fruit length</td>
<td>- cycle 1 (cm): 10 - 15</td>
<td>- cycle 2 (cm): 10 - 15</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**
- **Use of the fruit:** Wild
- **Collectors notes:** Small, poor growth
- **Presence of pests and diseases:**
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

---

### Mah

**ITC accession number:** ITC.0807/ITC.1212

**Synonyms:**
- Musa
- Eumusa

**Species/Group:**
- AA

**Status of the plant:** landrace

**Collecting descriptors**
- **Collecting number:** PNG152
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Omuru

<table>
<thead>
<tr>
<th>Plant crop cycle</th>
<th>(cycle 1) (mth): 9 - 10</th>
<th>(cycle 2) (mth): 6 - 7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle</td>
<td>(cycle 1) (mth): 250 - 300</td>
<td>(cycle 2) (mth): 300 - 350</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>- cycle 1 (cm): 5 - 6</td>
<td>- cycle 2 (cm): 5 - 6</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>- cycle 1 (kg): 4 - 5</td>
<td>- cycle 2 (kg): 4 - 5</td>
</tr>
<tr>
<td>Number of hands</td>
<td>- cycle 1: 20 - 25</td>
<td>- cycle 2: 25 - 30</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>- cycle 1: 20 - 25</td>
<td>- cycle 2: 25 - 30</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**
- **Use of the fruit:** Cooking
- **Collectors notes:**
- **Presence of pests and diseases:**
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0
**Accession descriptors**

**PNG153**

**ITC accession number:** ITC.0992

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG153

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Omuru

**Place of collection:**

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Suckering inhibited

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Plant crop cycle (cycle 1) (mth):** 10 - 11

**Ratoon crop cycle (cycle 2) (mth):** 6 - 7

**Pseudostem height - cycle 1 (cm):** 200 - 250

**- cycle 2 (cm):** 250 - 300

**Bunch weight - cycle 1 (kg):** 0 - 5

**- cycle 2 (kg):** 5 - 10

**Number of hands - cycle 1:** 5 - 6

**- cycle 2:** 5 - 6

**Number of fruits - cycle 1:** 5 - 6

**- cycle 2:** 5 - 6

**Fruit length - cycle 1 (cm):** 15 - 20

**- cycle 2 (cm):** 15 - 20

**Susceptibility to yellow Sigatoka:** low

---

**Accession descriptors**

**PNG154**

**ITC accession number:** ITC.0808

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG154

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Omuru

**Place of collection:**

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Some pollen

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Plant crop cycle (cycle 1) (mth):** 10 - 11

**Ratoon crop cycle (cycle 2) (mth):** 6 - 7

**Pseudostem height - cycle 1 (cm):** 200 - 250

**- cycle 2 (cm):** 300 - 350

**Bunch weight - cycle 1 (kg):** 5 - 10

**- cycle 2 (kg):** 5 - 10

**Number of hands - cycle 1:** 4 - 5

**- cycle 2:** 4 - 5

**Number of fruits - cycle 1:** 4 - 5

**- cycle 2:** 4 - 5

**Fruit length - cycle 1 (cm):** 25 - 30

**- cycle 2 (cm):** 25 - 30

**Susceptibility to yellow Sigatoka:** intermediate
**Accession descriptors**

**Yawa (Dwarf)**

**ITC accession number:** ITC.0993

**Synonyms:** Ducasse; Pisang Awak

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** ABB

**Subspecies/Subgroup:** Pisang Awak landrace

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG155

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Omuru

**Place of collection:**

<table>
<thead>
<tr>
<th>Plant crop cycle</th>
<th>(cycle 1) (mth):</th>
<th>18 - 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle</td>
<td>(cycle 2) (mth):</td>
<td>9 - 10</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>- cycle 1 (cm):</td>
<td>300 - 350</td>
</tr>
<tr>
<td></td>
<td>- cycle 2 (cm):</td>
<td>350 - 400</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>- cycle 1 (kg):</td>
<td>15 - 20</td>
</tr>
<tr>
<td></td>
<td>- cycle 2 (kg):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Number of hands</td>
<td>- cycle 1:</td>
<td>8 - 9</td>
</tr>
<tr>
<td></td>
<td>- cycle 2:</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>- cycle 1:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- cycle 2:</td>
<td></td>
</tr>
<tr>
<td>Fruit length</td>
<td>- cycle 1 (cm):</td>
<td>15 - 20</td>
</tr>
<tr>
<td></td>
<td>- cycle 2 (cm):</td>
<td>15 - 20</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

**Use of the fruit:** Dessert
dwarf Pisang Awak

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

**Kombok**

**ITC accession number:** ITC.0994

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG156

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Omuru

**Place of collection:**

<table>
<thead>
<tr>
<th>Plant crop cycle</th>
<th>(cycle 1) (mth):</th>
<th>10 - 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle</td>
<td>(cycle 2) (mth):</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>- cycle 1 (cm):</td>
<td>250 - 300</td>
</tr>
<tr>
<td></td>
<td>- cycle 2 (cm):</td>
<td>300 - 350</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>- cycle 1 (kg):</td>
<td>5 - 10</td>
</tr>
<tr>
<td></td>
<td>- cycle 2 (kg):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Number of hands</td>
<td>- cycle 1:</td>
<td>6 - 7</td>
</tr>
<tr>
<td></td>
<td>- cycle 2:</td>
<td>6 - 7</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>- cycle 1:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>- cycle 2:</td>
<td></td>
</tr>
<tr>
<td>Fruit length</td>
<td>- cycle 1 (cm):</td>
<td>20 - 25</td>
</tr>
<tr>
<td></td>
<td>- cycle 2 (cm):</td>
<td>25 - 30</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Suckering inhibited; pollen present

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
**M. peekelii ssp. angustigemma**

**Accession descriptors**

- **ITC accession number:** ITC.0618
- **Synonyms:** Musa Australimusa peekelii angustigemma wild
- **Status of the plant:** wild

**Collecting descriptors**

- **Collecting number:** PNG158
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Yelso

**Evaluation**

- **Plant crop cycle (cycle 1) (mth):** 38 - 39
- **Ratoon crop cycle (cycle 2) (mth):** 38 - 39
- **Pseudostem height - cycle 1 (cm):** 550 - 600
- **- cycle 2 (cm):** 550 - 600
- **Bunch weight - cycle 1 (kg):** 5 - 10
- **- cycle 2 (kg):** 5 - 10
- **Number of hands - cycle 1:** 14 - 15
- **- cycle 2:** 14 - 15
- **Number of fruits - cycle 1:** 5 - 10
- **- cycle 2:** 5 - 10
- **Fruit length - cycle 1 (cm):** 25 - 30
- **- cycle 2 (cm):** 25 - 30

**Observation at collecting site**

- **Use of the fruit:** Wild
- **Collectors notes:**
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0

**Maleb**

**Accession descriptors**

- **ITC accession number:** ITC.0809
- **Synonyms:** Musa Eumusa AA landrace
- **Status of the plant:** landrace

**Collecting descriptors**

- **Collecting number:** PNG159
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Yelso

**Evaluation**

- **Plant crop cycle (cycle 1) (mth):** 10 - 11
- **Ratoon crop cycle (cycle 2) (mth):** 6 - 7
- **Pseudostem height - cycle 1 (cm):** 250 - 300
- **- cycle 2 (cm):** 300 - 350
- **Bunch weight - cycle 1 (kg):** 5 - 10
- **- cycle 2 (kg):** 5 - 10
- **Number of hands - cycle 1:** 7 - 8
- **- cycle 2:** 7 - 8
- **Number of fruits - cycle 1:** 10 - 15
- **- cycle 2:** 10 - 15
- **Fruit length - cycle 1 (cm):** 25 - 30
- **- cycle 2 (cm):** 25 - 30

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Long, pendant, angular 3-faced fruit
- **Presence of pests and diseases:**
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0

- **Black cross:** 2
  - Speckle: 0

**Observation at evaluation site:**

**Use of the fruit:** Maleb

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0
**Accession descriptors**

**PNG160**

**Musa**

**ITC accession number:** ITC.0995

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

<table>
<thead>
<tr>
<th>Collecting number</th>
<th>PNG160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collecting date</td>
<td>22/10-27/11/88</td>
</tr>
<tr>
<td>Province</td>
<td>Madang</td>
</tr>
<tr>
<td>Nearest town</td>
<td>Yelso</td>
</tr>
</tbody>
</table>

| Plant crop cycle | (cycle 1) (mth): 11 - 12 |
| Ratoon crop cycle | (cycle 2) (mth): 11 - 12 |
| Pseudostem height | - cycle 1 (cm): 200 - 250 |
|                | - cycle 2 (cm): 250 - 300 |
| Bunch weight   | - cycle 1 (kg): 0 - 5 |
|                | - cycle 2 (kg): 5 - 10 |
| Number of hands | - cycle 1: 2 - 3 |
|                | - cycle 2: 2 - 3 |
| Number of fruits | - cycle 1: 2 - 3 |
|                | - cycle 2: 2 - 3 |
| Fruit length   | - cycle 1 (cm): 20 - 25 |
|                | - cycle 2 (cm): 25 - 30 |

**Susceptibility to yellow Sigatoka:** low

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Speckle: 0

**PNG161**

**Musa**

**ITC accession number:** ITC.0996

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

<table>
<thead>
<tr>
<th>Collecting number</th>
<th>PNG161</th>
</tr>
</thead>
<tbody>
<tr>
<td>Collecting date</td>
<td>22/10-27/11/88</td>
</tr>
<tr>
<td>Province</td>
<td>Madang</td>
</tr>
<tr>
<td>Nearest town</td>
<td>Yelso</td>
</tr>
</tbody>
</table>

| Plant crop cycle | (cycle 1) (mth): 12 - 13 |
| Ratoon crop cycle | (cycle 2) (mth): 5 - 6 |
| Pseudostem height | - cycle 1 (cm): 250 - 300 |
|                | - cycle 2 (cm): 300 - 350 |
| Bunch weight   | - cycle 1 (kg): 5 - 10 |
|                | - cycle 2 (kg): 10 - 15 |
| Number of hands | - cycle 1: 5 - 6 |
|                | - cycle 2: 7 - 8 |
| Number of fruits | - cycle 1: 5 - 6 |
|                | - cycle 2: 7 - 8 |
| Fruit length   | - cycle 1 (cm): 20 - 25 |
|                | - cycle 2 (cm): 25 - 30 |

**Susceptibility to yellow Sigatoka:** high

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Speckle: 0
### M. acuminata ssp. banksii

**Accession descriptors**

- **ITC accession number:** ITC.0619
- **Synonyms:**
  - **Genus:** Musa
  - **Section:** Eumusa
  - **Species/Group:** acuminata
  - **Subspecies/Subgroup:** banksii
  - **Status of the plant:** wild

**Collecting descriptors**

- **Collecting number:** PNG162
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Yelso

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth)</th>
<th>11 - 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth)</td>
<td>8 - 9</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm)</td>
<td>250 - 300</td>
</tr>
<tr>
<td>- cycle 2 (cm)</td>
<td>350 - 400</td>
</tr>
<tr>
<td>Bunch weight - cycle 1 (kg)</td>
<td>0 - 5</td>
</tr>
<tr>
<td>- cycle 2 (kg)</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Number of hands - cycle 1</td>
<td>9 - 10</td>
</tr>
<tr>
<td>- cycle 2</td>
<td>13 - 14</td>
</tr>
<tr>
<td>Number of fruits - cycle 1</td>
<td>9 - 10</td>
</tr>
<tr>
<td>- cycle 2</td>
<td>13 - 14</td>
</tr>
<tr>
<td>Fruit length - cycle 1 (cm)</td>
<td>10 - 15</td>
</tr>
<tr>
<td>- cycle 2 (cm)</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male bud purple

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

### Manameg (Green)

**Accession descriptors**

- **ITC accession number:** ITC.0997
- **Synonyms:**
  - **Genus:** Musa
  - **Section:** Eumusa
  - **Species/Group:** AA
  - **Status of the plant:** landrace

**Collecting descriptors**

- **Collecting number:** PNG163
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Umuin

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth)</th>
<th>11 - 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth)</td>
<td>8 - 9</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm)</td>
<td>200 - 250</td>
</tr>
<tr>
<td>- cycle 2 (cm)</td>
<td>250 - 300</td>
</tr>
<tr>
<td>Bunch weight - cycle 1 (kg)</td>
<td>0 - 5</td>
</tr>
<tr>
<td>- cycle 2 (kg)</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Number of hands - cycle 1</td>
<td>6 - 7</td>
</tr>
<tr>
<td>- cycle 2</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Number of fruits - cycle 1</td>
<td>9 - 10</td>
</tr>
<tr>
<td>- cycle 2</td>
<td>13 - 14</td>
</tr>
<tr>
<td>Fruit length - cycle 1 (cm)</td>
<td>15 - 20</td>
</tr>
<tr>
<td>- cycle 2 (cm)</td>
<td>15 - 20</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Wild

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

**Evaluation site:** South Johnstone, QDPI, AUS
Accession descriptors

ITC accession number: ITC.0810
Synonyms: Musa
Genus: Eumusa
Section: AA
Species/Group: landrace
Subspecies/Subgroup:
Status of the plant:

Collecting descriptors

Collecting number: PNG164
Collecting date: 22/10-27/11/88
Province: Madang
Nearest town: Umuin
Place of collection:

Plant crop cycle (cycle 1) (mth): 12 - 13
Ratoon crop cycle (cycle 2) (mth): 4 - 5
Pseudostem height - cycle 1 (cm): 300 - 350
- cycle 2 (cm): 350 - 400
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 10 - 15
Number of hands - cycle 1: 6 - 7
- cycle 2: 7 - 8
Number of fruits - cycle 1: 12 - 16
- cycle 2: 14 - 20
Fruit length - cycle 1 (cm): 20 - 25
- cycle 2 (cm): 20 - 25
Susceptibility to yellow Sigatoka: high

Observation at collecting site
Use of the fruit: Cooking
Collectors notes: Small, slender plant; with pollen
Presence of pests and diseases:
Black leaf streak: 2
Cordana: 2
Freckle: 0
Black cross: 0
Speckle: 0

Observation at evaluation site
Evaluation site: South Johnstone, QDPI, AUS

Accession descriptors

ITC accession number: ITC.0811
Synonyms: Musa
Genus: Eumusa
Section: AA
Species/Group: landrace
Subspecies/Subgroup:
Status of the plant:

Collecting descriptors

Collecting number: PNG165
Collecting date: 22/10-27/11/88
Province: Madang
Nearest town: Umuin
Place of collection:

Plant crop cycle (cycle 1) (mth): 12 - 13
Ratoon crop cycle (cycle 2) (mth): 6 - 7
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 250 - 300
Bunch weight - cycle 1 (kg): 0 - 5
- cycle 2 (kg): 0 - 5
Number of hands - cycle 1: 5 - 6
- cycle 2: 5 - 6
Number of fruits - cycle 1: 15 - 20
- cycle 2: 15 - 20
Fruit length - cycle 1 (cm): 20 - 25
- cycle 2 (cm): 20 - 25
Susceptibility to yellow Sigatoka: intermediate

Observation at collecting site
Use of the fruit: Cooking
Collectors notes: Good suckering
Presence of pests and diseases:
Black leaf streak: 2
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0

Observation at evaluation site
Evaluation site: South Johnstone, QDPI, AUS
**Accession descriptors**

**Musa**

**ITC accession number:** PPG167

<table>
<thead>
<tr>
<th>Synonyms:</th>
<th>Musa</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Genus:</strong></td>
<td>Eumusa</td>
</tr>
<tr>
<td><strong>Section:</strong></td>
<td>AAB</td>
</tr>
<tr>
<td><strong>Species/Group:</strong></td>
<td>landrace</td>
</tr>
<tr>
<td><strong>Subspecies/Subgroup:</strong></td>
<td>PNG167</td>
</tr>
</tbody>
</table>

**Collecting descriptors**

| Collecting number: | PPG167 |
| Collecting date: | 22/10-27/11/88 |
| Province: | Madang |
| Nearest town: | Dalam |

| Plant crop cycle (cycle 1) (mth): | 11 - 12 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 300 - 350 |
| Bunch weight - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): | 25 - 30 |
| Number of hands - cycle 1: | 3 - 4 |
| - cycle 2: | 6 - 7 |
| Number of fruits - cycle 1: | 3 - 4 |
| - cycle 2: | 6 - 7 |
| Fruit length - cycle 1 (cm): | 20 - 25 |
| - cycle 2 (cm): | 30 - 35 |

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Very like French Plantain; brought from Lae

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 2
- Speckle: 0

---

**Accession descriptors**

**Musa**

**ITC accession number:** PPG168

<table>
<thead>
<tr>
<th>Synonyms:</th>
<th>Musa</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Genus:</strong></td>
<td>Eumusa</td>
</tr>
<tr>
<td><strong>Section:</strong></td>
<td>AA</td>
</tr>
<tr>
<td><strong>Species/Group:</strong></td>
<td>landrace</td>
</tr>
<tr>
<td><strong>Subspecies/Subgroup:</strong></td>
<td>PNG168</td>
</tr>
</tbody>
</table>

**Collecting descriptors**

| Collecting number: | PPG168 |
| Collecting date: | 22/10-27/11/88 |
| Province: | Madang |
| Nearest town: | Wafaen |

| Plant crop cycle (cycle 1) (mth): | 9 - 10 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 300 - 350 |
| - cycle 2 (cm): | 300 - 350 |
| Bunch weight - cycle 1 (kg): | 0 - 5 |
| - cycle 2 (kg): | 5 - 10 |
| Number of hands - cycle 1: | 6 - 7 |
| - cycle 2: | 6 - 7 |
| Number of fruits - cycle 1: | 10 - 15 |
| - cycle 2: | 10 - 15 |

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 2
- Speckle: 0
**Accession descriptors**

**Musa**

**ITC accession number:** ITC.1001  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  

**Collecting descriptors**

**Collecting number:** PNG169  
**Collecting date:** 22/10-27/11/88  
**Province:** Madang  
**Nearest town:** Hudini  

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:** Very vigorous, large plant; brought from Port Moresby

**Presence of pests and diseases:**  
- Black leaf streak: 2  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0

---

**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0811  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa x Australimusa  
**Species/Group:** 4x/AxBxT  
**Subspecies/Subgroup:** landrace  

**Collecting descriptors**

**Collecting number:** PNG170  
**Collecting date:** 22/10-27/11/88  
**Province:** Madang town  
**Nearest town:** Madang town  

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:**  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0
**Accession descriptors**

**Kalapua (Dwarf)**

- **ITC accession number:** ITC.0812
- **Synonyms:** none
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** ABB
- **Subspecies/Subgroup:** landrace
- **Status of the plant:** Collecting descriptors
- **Collecting number:** PGN171
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Madang town
- **Place of collection:** Madang

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Brought from Samarai

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

**M. schizocarpa**

- **ITC accession number:** ITC.1002
- **Synonyms:** none
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** schizocarpa
- **Subspecies/Subgroup:** wild
- **Status of the plant:** Collecting descriptors
- **Collecting number:** PGN172
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Malpine
- **Place of collection:** Malpine

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Musa**

**Musa acuminata ssp. banksii**

**Accession descriptors**

- **ITC accession number:** ITC.0620
- **Genus:** Musa
- **Species/Group:** acuminata
- **Subspecies/Subgroup:** banksii
- **Status of the plant:** wild

**Collecting descriptors**

- **Collecting number:** PNG174
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Malpine

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 26 - 27
- **Pseudostem height** - cycle 1 (cm): 200 - 250
- **Bunch weight** - cycle 1 (kg): 0 - 5
- **Number of hands** - cycle 1: 12 - 13
- **Fruit length** - cycle 1 (cm): 5 - 10
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- **Use of the fruit:** Wild
- **Collectors notes:**
  - Presence of pests and diseases:
    - Black leaf streak: 0
    - Cordana: 0
    - Freckle: 0
- **Evaluation site:** South Johnstone, QDPI, AUS

**ITC accession number:** ITC.1003

- **Genus:** Musa
- **Species/Group:** AA
- **Subspecies/Subgroup:** Sucrier
- **Status of the plant:** landrace

**Collecting descriptors**

- **Collecting number:** PNG175
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Malpine

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 13 - 14
- **Pseudostem height** - cycle 1 (cm): 300 - 350
- **Bunch weight** - cycle 1 (kg): 10 - 15
- **Number of hands** - cycle 1: 7 - 8
- **Fruit length** - cycle 1 (cm): 10 - 15
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

- **Use of the fruit:** Dessert
- **Collectors notes:**
  - Presence of pests and diseases:
    - Black leaf streak: 0
    - Cordana: 0
    - Freckle: 0
- **Evaluation site:** South Johnstone, QDPI, AUS
M. acuminata ssp. banksii

**Accession descriptors**

**ITC accession number:** ITC.0621

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** acuminata

**Subspecies/Subgroup:** banksii

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG176

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Bieteta

**Place of collection:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Cycle 1</th>
<th>Cycle 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant crop cycle (mth)</td>
<td>11 - 12</td>
<td>11 - 12</td>
</tr>
<tr>
<td>Ratoon crop cycle (mth)</td>
<td>6 - 7</td>
<td>6 - 7</td>
</tr>
<tr>
<td>Pseudostem height (cm)</td>
<td>250 - 300</td>
<td>250 - 300</td>
</tr>
<tr>
<td>Bunch weight (kg)</td>
<td>0 - 5</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Number of hands</td>
<td>10 - 11</td>
<td>10 - 11</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>10 - 11</td>
<td>10 - 11</td>
</tr>
<tr>
<td>Fruit length (cm)</td>
<td>10 - 15</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male bud purple

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

Wain

**Accession descriptors**

**ITC accession number:** ITC.0813

**Synonyms:**

**Genus:** Musa

**Section:** Australimusa

**Species/Group:** Fe’i

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG177

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Bieteta

**Place of collection:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Cycle 1</th>
<th>Cycle 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant crop cycle (mth)</td>
<td>26 - 27</td>
<td>26 - 27</td>
</tr>
<tr>
<td>Ratoon crop cycle (mth)</td>
<td>7 - 8</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Pseudostem height (cm)</td>
<td>350 - 400</td>
<td>350 - 400</td>
</tr>
<tr>
<td>Bunch weight (kg)</td>
<td>5 - 10</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Number of hands</td>
<td>10 - 11</td>
<td>10 - 11</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>10 - 11</td>
<td>10 - 11</td>
</tr>
<tr>
<td>Fruit length (cm)</td>
<td>10 - 15</td>
<td>10 - 15</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Erect bunch; red sap

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---
**Bagul**

**Accession descriptors**

- **ITC accession number:** ITC.0814
- **Synonyms:** PNG213; 216
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG178
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Brahmin

<table>
<thead>
<tr>
<th>Plant crop cycle</th>
<th>cycle 1 (mth): 11</th>
<th>cycle 2 (mth): 12</th>
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</thead>
<tbody>
<tr>
<td>Ratoon crop cycle</td>
<td>cycle 1 (mth): 8</td>
<td>cycle 2 (mth): 9</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>cycle 1 (cm): 300</td>
<td>cycle 2 (cm): 350</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>cycle 1 (kg): 5</td>
<td>cycle 2 (kg): 10</td>
</tr>
<tr>
<td>Number of hands</td>
<td>cycle 1: 7</td>
<td>cycle 2: 8</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>cycle 1: 9</td>
<td>cycle 2: 10</td>
</tr>
<tr>
<td>Fruit length</td>
<td>cycle 1 (cm): 15</td>
<td>cycle 2 (cm): 20</td>
</tr>
<tr>
<td></td>
<td>cycle 1 (cm): 15</td>
<td>cycle 2 (cm): 20</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Small plant; with pollen

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**To’o**

**Accession descriptors**

- **ITC accession number:** ITC.1004
- **Synonyms:** PNG346
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG179
- **Collecting date:** 22/10-27/11/88
- **Province:** Madang
- **Nearest town:** Brahmin

<table>
<thead>
<tr>
<th>Plant crop cycle</th>
<th>cycle 1 (mth): 8</th>
<th>cycle 2 (mth): 9</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle</td>
<td>cycle 1 (mth): 5</td>
<td>cycle 2 (mth): 6</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>cycle 1 (cm): 200</td>
<td>cycle 2 (cm): 250</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>cycle 1 (kg): 5</td>
<td>cycle 2 (kg): 10</td>
</tr>
<tr>
<td>Number of hands</td>
<td>cycle 1: 5</td>
<td>cycle 2: 6</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>cycle 1: 9</td>
<td>cycle 2: 10</td>
</tr>
<tr>
<td>Fruit length</td>
<td>cycle 1 (cm): 20</td>
<td>cycle 2 (cm): 25</td>
</tr>
<tr>
<td></td>
<td>cycle 1 (cm): 15</td>
<td>cycle 2 (cm): 20</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
Musa
tlogue

Accession descriptors

ITC accession number: ITC.0815
Synonyms: Musa
Genus: Eumusa
Section: acuminata x schizocarpa
Species/Group: wild
Subspecies/Subgroup: 
Status of the plant: 

Collecting descriptors

Collecting number: PNG180
Collecting date: 22/10-27/11/88
Province: Madang
Nearest town: Brahmin
Place of collection: 

Plant crop cycle (cycle 1) (mth): 16 - 17
Ratoon crop cycle (cycle 2) (mth): 400 - 450
Pseudostem height - cycle 1 (cm): 10 - 15
- cycle 2 (cm): 5 - 10
Bunch weight - cycle 1 (kg): 11 - 12
- cycle 2 (kg): 0 - 5
Number of hands - cycle 1: 10 - 11
- cycle 2: 13 - 14
Number of fruits - cycle 1: 10 - 15
- cycle 2: 10 - 15
Fruit length - cycle 1 (cm): intermediate
- cycle 2 (cm): 
Susceptibility to yellow Sigatoka: 

Observation at collecting site

Use of the fruit: Wild
Collectors notes: Intermediate between parents

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0

M. acuminata ssp. banksii

Evaluation site: South Johnstone, QDPI, AUS

Accession descriptors

ITC accession number: ITC.0623
Synonyms: Musa
Genus: Eumusa
Section: acuminata
Species/Group: banksii
Subspecies/Subgroup: wild
Status of the plant: 

Collecting descriptors

Collecting number: PNG181
Collecting date: 22/10-27/11/88
Province: Madang
Nearest town: Ono base camp
Place of collection: 

Plant crop cycle (cycle 1) (mth): 15 - 16
Ratoon crop cycle (cycle 2) (mth): 5 - 6
Pseudostem height - cycle 1 (cm): 300 - 350
- cycle 2 (cm): 400 - 450
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 0 - 5
Number of hands - cycle 1: 10 - 11
- cycle 2: 13 - 14
Number of fruits - cycle 1: 10 - 15
- cycle 2: 10 - 15
Fruit length - cycle 1 (cm): high
- cycle 2 (cm): 
Susceptibility to yellow Sigatoka: 

Observation at collecting site

Use of the fruit: Wild
Collectors notes: 

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0
**Accession descriptors**

**ITC access number:** ITC.0816

**Synonyms:**
- Genus: Musa
- Section: Eumusa
- Species/Group: AA
- Subspecies/Subgroup: landrace

**Collecting descriptors**

**Collecting number:** PNG182
**Collecting date:** 22/10-27/11/88
**Province:** Madang
**Place of collection:** Ono base camp

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

**Susceptibility to yellow Sigatoka:** intermediate

---

**Accession descriptors**

**ITC access number:** ITC.0817

**Synonyms:**
- Genus: Musa
- Section: Eumusa
- Species/Group: ABB
- Subspecies/Subgroup: landrace

**Collecting descriptors**

**Collecting number:** PNG183
**Collecting date:** 22/10-27/11/88
**Province:** Madang
**Place of collection:** Uya

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 2
- Speckle: 0

**Susceptibility to yellow Sigatoka:** very low or no visible sign
**Accession descriptors**

**ITC accession number:** ITC.0818

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG184

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Erima

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth): 10 - 11

**Ratoon crop cycle** (cycle 2) (mth): 7 - 8

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 0 - 5

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 4 - 5

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 4 - 5

- cycle 2: 6 - 7

**Fruit length** - cycle 1 (cm): 20 - 25

- cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Leaves not shredded by wind

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0

**Accession descriptors**

**ITC accession number:** ITC.0819

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG185

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Erima

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 4 - 5

**Pseudostem height** - cycle 1 (cm): 250 - 300

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 10 - 15

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Fruit length** - cycle 1 (cm): 30 - 35

- cycle 2 (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Suckering inhibited

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0
**Accession descriptors**

**PNG186**

**ITC accession number:** ITC.1213

**Synonyms:** Musa

**Genus:** Eumusa x Australimusa

**Section:** AAT

**Species/Group:** landrace

**Subspecies/Subgroup:** PNG186

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG186

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Erima

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth): 11 - 12

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** - cycle 1 (cm): 350 - 400

- cycle 2 (cm): 250 - 300

**Bunch weight** - cycle 1 (kg): 10 - 15

- cycle 2 (kg): 0 - 5

**Number of hands** - cycle 1: 6 - 7

- cycle 2: 7 - 8

**Number of fruits** - cycle 1: 10 - 15

- cycle 2: 0 - 5

**Fruit length** - cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male bud imbricate

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

**Black cross:** 0

**Speckle:** 0

---

**PNG187**

**ITC accession number:** ITC.0820

**Synonyms:** Musa

**Genus:** Eumusa

**Section:** AS

**Species/Group:** landrace

**Subspecies/Subgroup:** PNG187

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG187

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Ato

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth): 11 - 12

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** - cycle 1 (cm): 350 - 400

- cycle 2 (cm): 250 - 300

**Bunch weight** - cycle 1 (kg): 10 - 15

- cycle 2 (kg): 0 - 5

**Number of hands** - cycle 1: 6 - 7

- cycle 2: 7 - 8

**Number of fruits** - cycle 1: 10 - 15

- cycle 2: 0 - 5

**Fruit length** - cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

**Black cross:** 0

**Speckle:** 0
### Meleng

**Accession descriptors**

**ITC accession number:** ITC.0821

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG188

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Madang town

**Place of collection:**

- **Plant crop cycle** (cycle 1) (mth): 9 - 10
- **Ratoon crop cycle** (cycle 2) (mth): 6 - 7
- **Pseudostem height** - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 250 - 300
- **Bunch weight** - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 5 - 6
  - cycle 2: 6 - 7
- **Number of fruits** - cycle 1: 20 - 25
  - cycle 2: 20 - 25
- **Fruit length** - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

---

### Tonton Kepa

**Accession descriptors**

**ITC accession number:** ITC.0822

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AS

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG190

**Collecting date:** 22/10-27/11/88

**Province:** Madang

**Nearest town:** Madang town

**Place of collection:**

- **Plant crop cycle** (cycle 1) (mth): 11 - 12
- **Ratoon crop cycle** (cycle 2) (mth): 7 - 8
- **Pseudostem height** - cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 400 - 450
- **Bunch weight** - cycle 1 (kg): 10 - 15
  - cycle 2 (kg): 15 - 20
- **Number of hands** - cycle 1: 9 - 10
  - cycle 2: 14 - 15
- **Number of fruits** - cycle 1: 20 - 25
  - cycle 2: 20 - 25
- **Fruit length** - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 2

- Black cross: 0
- Speckle: 0
### Musa

#### Bene

**Accession descriptors**

<table>
<thead>
<tr>
<th>ITC accession number:</th>
<th>Musa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td>Eumusa</td>
</tr>
<tr>
<td>Genus:</td>
<td>AAB</td>
</tr>
<tr>
<td>Species/Group:</td>
<td>landrace</td>
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<td>Collecting descriptors</td>
<td></td>
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<tr>
<td>Collecting number:</td>
<td>PNG191</td>
</tr>
<tr>
<td>Collecting date:</td>
<td>22/10-27/11/88</td>
</tr>
<tr>
<td>Province:</td>
<td>E. Highlands</td>
</tr>
<tr>
<td>Nearest town:</td>
<td>Mount Hagen</td>
</tr>
<tr>
<td>Plant crop cycle</td>
<td>21 - 22</td>
</tr>
<tr>
<td>Ratoon crop cycle</td>
<td>2 - 3</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>300 - 350</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Number of hands</td>
<td>9 - 10</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>9 - 10</td>
</tr>
<tr>
<td>Fruit length</td>
<td>15 - 20</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>intermediate</td>
</tr>
</tbody>
</table>

**Evaluation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Robust, erect leaves; pollen present
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0

---

**Gamaha**

**Accession descriptors**

<table>
<thead>
<tr>
<th>ITC accession number:</th>
<th>Musa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms:</td>
<td>Eumusa</td>
</tr>
<tr>
<td>Genus:</td>
<td>AAB</td>
</tr>
<tr>
<td>Species/Group:</td>
<td>landrace</td>
</tr>
<tr>
<td>Collecting descriptors</td>
<td></td>
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<tr>
<td>Collecting number:</td>
<td>PNG192</td>
</tr>
<tr>
<td>Collecting date:</td>
<td>22/10-27/11/88</td>
</tr>
<tr>
<td>Province:</td>
<td>E. Highlands</td>
</tr>
<tr>
<td>Nearest town:</td>
<td>Mount Hagen</td>
</tr>
<tr>
<td>Plant crop cycle</td>
<td>10 - 11</td>
</tr>
<tr>
<td>Ratoon crop cycle</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>300 - 350</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Number of hands</td>
<td>3 - 4</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Fruit length</td>
<td>15 - 20</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>low</td>
</tr>
</tbody>
</table>

**Evaluation at collecting site**

- **Use of the fruit:** Dessert
- **Collectors notes:** Robust, erect leaves; fruit fat, horizontal, thin skinned; orange flesh; Popoulou-type
- **Presence of pests and diseases:**
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
Moruah

**Accession descriptors**

**ITC accession number:** ITC.1007

**Synonyms:**

Genus: Musa

Section: Eumusa

Species/Group: AA?

Subspecies/Subgroup: landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG193

**Collecting date:** 22/10-27/11/88

**Province:** E. Highlands

**Nearest town:** Mount Hagen

**Place of collection:** Kafana

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Flesh yellow; erect leaves

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

Black cross: 0
Speckle: 0

---

Ambiri

**Accession descriptors**

**ITC accession number:** ITC.0823

**Synonyms:**

Genus: Musa

Section: Eumusa

Species/Group: AAA

Subspecies/Subgroup: landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG194

**Collecting date:** 22/10-27/11/88

**Province:** E. Highlands

**Nearest town:** Mount Hagen

**Place of collection:** Kafana

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Robust, tall, drooping leaves

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

Black cross: 0
Speckle: 0
### Accession descriptors

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#### Evaluation

| Plant crop cycle (cycle 1) (mth): | 9 - 10 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 300 - 350 |
| - cycle 2 (cm): | 400 - 450 |
| Bunch weight - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): | 20 - 25 |
| Number of hands - cycle 1: | 7 - 8 |
| - cycle 2: | 10 - 11 |
| Number of fruits - cycle 1: | 10 - 11 |
| - cycle 2: | 20 - 25 |
| Fruit length - cycle 1 (cm): | 20 - 25 |
| - cycle 2 (cm): | 15 - 20 |
| Susceptibility to yellow Sigatoka: | low |

### Observation at collecting site

**Use of the fruit:** Dessert  
**Collectors notes:** Robust, erect leaves; yellow/orange flesh  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 2  
- Black cross: 0  
- Speckle: 0

---

### Accession descriptors

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### Collecting descriptors

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</table>

#### Evaluation

| Plant crop cycle (cycle 1) (mth): | 9 - 10 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 350 - 400 |
| - cycle 2 (cm): | 500 - 550 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 20 - 25 |
| Number of hands - cycle 1: | 5 - 6 |
| - cycle 2: | 11 - 12 |
| Number of fruits - cycle 1: | 5 - 6 |
| - cycle 2: | 11 - 12 |
| Fruit length - cycle 1 (cm): | 20 - 25 |
| - cycle 2 (cm): | 15 - 20 |
| Susceptibility to yellow Sigatoka: | low |

### Observation at collecting site

**Use of the fruit:** Dessert  
**Collectors notes:** Orange flesh; three nodes before basal hand  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 2  
- Black cross: 0  
- Speckle: 0
## Accession descriptors

**Musa**

### ITC accession number:

**ITC.0828**

**Synonyms:**

- Musa

**Genus:**

- Eumusa

**Section:**

- AA

**Species/Group:**

- Landrace

**Subspecies/Subgroup:**

- PNG197

**Status of the plant:**

- 22/10-27/11/88

### Collecting descriptors

**Collecting number:**

- PNG197

**Collecting date:**

- 22/10-27/11/88

**Province:**

- E. Highlands

**Nearest town:**

- Mount Hagen

**Place of collection:**

- Tuempinka

### Plant crop cycle

- **(cycle 1) (mth):** 11 - 12

- **(cycle 2) (mth):** 6 - 7

### Ratoon crop cycle

- **(cycle 1) (mth):** 15 - 20

- **(cycle 2) (mth):** 7 - 8

### Pseudostem height

- **(cycle 1) (cm):** 300 - 350

- **(cycle 2) (cm):** 350 - 400

### Bunch weight

- **(cycle 1) (kg):** 5 - 10

- **(cycle 2) (kg):** 15 - 20

### Number of hands

- **(cycle 1):** 6 - 7

- **(cycle 2):** 7 - 8

### Number of fruits

- **(cycle 1):** 15 - 20

- **(cycle 2):** 15 - 20

### Fruit length

- **(cycle 1) (cm):** 7 - 8

- **(cycle 2) (cm):** 10 - 15

### Susceptibility to yellow Sigatoka:

- **low**

### Observations at collecting site

**Use of the fruit:**

- Dessert

**Collectors notes:**

- Some pollen; fruit remains green when ripe

**Presence of pests and diseases:**

- Black leaf streak: 0

- Cordana: 0

- Freckle: 0


---

## Accession descriptors

**Musa**

### ITC accession number:

**ITC.0828**

**Synonyms:**

- Musa

**Genus:**

- Eumusa

**Section:**

- AA

**Species/Group:**

- Landrace

**Subspecies/Subgroup:**

- PNG197

**Status of the plant:**

- 22/10-27/11/88

### Collecting descriptors

**Collecting number:**

- PNG198

**Collecting date:**

- 22/10-27/11/88

**Province:**

- E. Highlands

**Nearest town:**

- Mount Hagen

**Place of collection:**

- Kassam

### Plant crop cycle

- **(cycle 1) (mth):** 7 - 8

- **(cycle 2) (mth):** 7 - 8

### Ratoon crop cycle

- **(cycle 1) (mth):** 250 - 300

- **(cycle 2) (mth):** 300 - 350

### Pseudostem height

- **(cycle 1) (cm):** 0 - 5

- **(cycle 2) (cm):** 0 - 5

### Bunch weight

- **(cycle 1) (kg):** 0 - 5

- **(cycle 2) (kg):** 0 - 5

### Number of hands

- **(cycle 1):** 5 - 6

- **(cycle 2):** 5 - 6

### Number of fruits

- **(cycle 1):** 10 - 15

- **(cycle 2):** 10 - 15

### Fruit length

- **(cycle 1) (cm):** 10 - 15

- **(cycle 2) (cm):** 10 - 15

### Susceptibility to yellow Sigatoka:

- **low**

### Observations at collecting site

**Use of the fruit:**

- Cooking?

**Collectors notes:**

- Male fertile and occasional seeds; fruit not well filled

**Presence of pests and diseases:**

- Black leaf streak: 2

- Cordana: 0

- Freckle: 0

- Black cross: 0

- Speckle: 0
**Musa**

**Kanim**

**ITC accession number:** ITC.1009

**Synonyms:**
- Musa
- Eumusa

**Genus:** Eumusa

**Section:** AAB

**Species/Group:** landrace

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG199

**Collecting date:** 22/10-27/11/88

**Province:** E. Highlands

**Nearest town:** Mount Hagen

**Place of collection:** Kassam

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** White flesh; with pollen; Maia Maoli type

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Plant crop cycle**
- (cycle 1) (mth): 11
- (cycle 2) (mth): 12

**Ratoon crop cycle**
- (cycle 1) (mth): 6
- (cycle 2) (mth): 7

**Pseudostem height**
- (cycle 1) (cm): 250
- (cycle 2) (cm): 300

**Bunch weight**
- (cycle 1) (kg): 10
- (cycle 2) (kg): 15

**Number of hands**
- (cycle 1): 6
- (cycle 2): 7

**Number of fruits**
- (cycle 1): 6
- (cycle 2): 7

**Fruit length**
- (cycle 1) (cm): 15
- (cycle 2) (cm): 20

**Susceptibility to yellow Sigatoka:** low

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**Musa**

**Rimina**

**ITC accession number:** ITC.1010

**Synonyms:**
- Musa
- Australimusa

**Genus:** Musa

**Section:** Fe‘i

**Species/Group:** landrace

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG201

**Collecting date:** 22/10-27/11/88

**Province:** E. Highlands

**Nearest town:** Mount Hagen

**Place of collection:** Aiyura

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Erect bunch; red sap; only eaten by men

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Plant crop cycle**
- (cycle 1) (mth): 27
- (cycle 2) (mth): 28

**Ratoon crop cycle**
- (cycle 1) (mth): 9
- (cycle 2) (mth): 10

**Pseudostem height**
- (cycle 1) (cm): 450
- (cycle 2) (cm): 500

**Bunch weight**
- (cycle 1) (kg): 15
- (cycle 2) (kg): 20

**Number of hands**
- (cycle 1): 10
- (cycle 2): 11

**Number of fruits**
- (cycle 1): 10
- (cycle 2): 11

**Fruit length**
- (cycle 1) (cm): 10
- (cycle 2) (cm): 15

**Susceptibility to yellow Sigatoka:** n.a.
**Musa**

**Yaurie**

**ITC accession number:** ITC.0826

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAB
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG202
- **Collecting date:** 22/10-27/11/88
- **Province:** E. Highlands
- **Nearest town:** Kenadiro
- **Place of collection:** Miunde

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Tall; erect leaves; orange flesh; no pollen

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Speckle: 0

**Number of hands:**
- Cycle 1: 6
- Cycle 2: 8

**Number of fruits:**
- Cycle 1: 10
- Cycle 2: 12

**Fruit length:**
- Cycle 1: 20 cm
- Cycle 2: 25 cm

**Susceptibility to yellow Sigatoka:** intermediate

---

**Kerua**

**ITC accession number:** ITC.0827

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAB
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG203
- **Collecting date:** 22/10-27/11/88
- **Province:** W. Highlands
- **Nearest town:** Goroka
- **Place of collection:** Miunde

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Orange flesh

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Speckle: 0

**Number of hands:**
- Cycle 1: 6
- Cycle 2: 7

**Number of fruits:**
- Cycle 1: 10
- Cycle 2: 10

**Fruit length:**
- Cycle 1: 15 cm
- Cycle 2: 20 cm

**Susceptibility to yellow Sigatoka:** low
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<td>- cycle 2 (cm): 10 - 15</td>
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**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:** Very vigorous; = Red?; similar to Red but flesh more orange

**Presence of pests and diseases:**

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<td>Number of hands - cycle 1: 7 - 8</td>
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<td>- cycle 2: 5 - 6</td>
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<td>- cycle 2: 20 - 25</td>
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<td>- cycle 2 (cm): high</td>
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**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:** Green ovary; tall plant

**Presence of pests and diseases:**

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**Accession descriptors**

**Musa**

**PNG206**

**Accession number:** ITC.0830

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAB

**Subspecies/Subgroup:** Iholena

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG206

**Collecting date:** 22/10-27/11/88

**Province:** W. Highlands

**Nearest town:** Goroka

**Place of collection:** Moitam

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:** Orange flesh

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0

**Plant crop cycle**
- (cycle 1) (mth): 11 - 12

**Ratoon crop cycle**
- (cycle 2) (mth): 7 - 8

**Pseudostem height**
- (cycle 1) (cm): 350 - 400
- (cycle 2) (cm): 400 - 450

**Bunch weight**
- (cycle 1) (kg): 20 - 25
- (cycle 2) (kg): 15 - 20

**Number of hands**
- (cycle 1): 8 - 9
- (cycle 2): 8 - 9

**Number of fruits**
- (cycle 1): 8 - 9
- (cycle 2): 8 - 9

**Fruit length**
- (cycle 1) (cm): 20 - 25
- (cycle 2) (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** low

---

**Accession descriptors**

**Musa**

**PNG207**

**Accession number:** ITC.0831

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAB

**Subspecies/Subgroup:** Iholena

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG207

**Collecting date:** 22/10-27/11/88

**Province:** W. Highlands

**Nearest town:** Goroka

**Place of collection:** Moitam

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:** As PNG206 but pseudostem green, fruit less tasty; remains green when ripe

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0

**Plant crop cycle**
- (cycle 1) (mth): 10 - 11

**Ratoon crop cycle**
- (cycle 2) (mth): 7 - 8

**Pseudostem height**
- (cycle 1) (cm): 300 - 350
- (cycle 2) (cm): 400 - 450

**Bunch weight**
- (cycle 1) (kg): 10 - 15
- (cycle 2) (kg): 20 - 25

**Number of hands**
- (cycle 1): 6 - 7
- (cycle 2): 9 - 10

**Number of fruits**
- (cycle 1): 8 - 9
- (cycle 2): 8 - 9

**Fruit length**
- (cycle 1) (cm): 20 - 25
- (cycle 2) (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low
**Musa**

**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:**

**Section:**

**Species/Group:**

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**Collecting date:**

**Province:**

**Nearest town:**

**Place of collection:**

**Plant crop cycle**

- (cycle 1) (mth): 13 - 14

- (cycle 2) (mth): 6 - 7

**Ratoon crop cycle**

- (cycle 1) (mth): 10 - 15

- (cycle 2) (mth): 7 - 8

**Pseudostem height**

- (cycle 1) (cm): 300 - 350

- (cycle 2) (cm): 400 - 450

**Bunch weight**

- (cycle 1) (kg): 10 - 15

- (cycle 2) (kg): 8 - 9

**Number of hands**

- (cycle 1): 10 - 15

- (cycle 2): 8 - 9

**Number of fruits**

- (cycle 1): 10 - 15

- (cycle 2): 8 - 9

**Fruit length**

- (cycle 1) (cm): 10 - 15

- (cycle 2) (cm): 8 - 9

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

Cooking

**Collectors notes:**

Yellow flesh

**Presence of pests and diseases:**

- Black leaf streak: 2

- Cordana: 0

- Freckle: 0

**Evaluation site:**

South Johnstone, QDPI, AUS

---

**Suga**

**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:**

**Section:**

**Species/Group:**

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**Collecting date:**

**Province:**

**Nearest town:**

**Place of collection:**

**Plant crop cycle**

- (cycle 1) (mth): 12 - 13

- (cycle 2) (mth): 10 - 11

**Ratoon crop cycle**

- (cycle 1) (mth): 15 - 20

- (cycle 2) (mth): 8 - 9

**Pseudostem height**

- (cycle 1) (cm): 350 - 400

- (cycle 2) (cm): 400 - 450

**Bunch weight**

- (cycle 1) (kg): 10 - 15

- (cycle 2) (kg): 15 - 20

**Number of hands**

- (cycle 1): 15 - 20

- (cycle 2): 12 - 13

**Number of fruits**

- (cycle 1): 8 - 9

- (cycle 2): 7 - 8

**Fruit length**

- (cycle 1) (cm): 10 - 15

- (cycle 2) (cm): 15 - 20

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

Dessert

**Collectors notes:**

Brought from Chimbu

**Presence of pests and diseases:**

- Black leaf streak: 2

- Cordana: 0

- Freckle: 0

**Evaluation site:**

South Johnstone, QDPI, AUS
**Accession descriptors**

**ITC accession number:** ITC.0833
**Synonyms:** PNG270
**Genus:** Musa
**Section:** Eumusa
**Species/Group:** AAB
**Subspecies/Subgroup:** landrace
**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG210
**Collecting date:** 22/10-27/11/88
**Province:** W. Highlands
**Nearest town:** Goroka
**Place of collection:** Yan

**Evaluation**

**Plant crop cycle** (cycle 1) (mth): 17 - 18
**Ratoon crop cycle** (cycle 2) (mth): 11 - 12
**Pseudostem height** - cycle 1 (cm): 450 - 500
- cycle 2 (cm): 500 - 550
**Bunch weight** - cycle 1 (kg): 25 - 30
- cycle 2 (kg): 20 - 25
**Number of hands** - cycle 1: 11 - 12
- cycle 2: 10 - 11
**Number of fruits** - cycle 1: 10 - 11
- cycle 2: 9 - 10
**Fruit length** - cycle 1 (cm): 15 - 20
- cycle 2 (cm): 15 - 20
**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking
**Collectors notes:** Tall; robust
**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Accession descriptors**

**ITC accession number:** ITC.0834
**Synonyms:**
**Genus:** Musa
**Section:** Eumusa
**Species/Group:** AA
**Subspecies/Subgroup:** landrace
**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG211
**Collecting date:** 22/10-27/11/88
**Province:** W. Highlands
**Nearest town:** Goroka
**Place of collection:** Kauil

**Evaluation**

**Plant crop cycle** (cycle 1) (mth): 10 - 11
**Ratoon crop cycle** (cycle 2) (mth): 5 - 6
**Pseudostem height** - cycle 1 (cm): 200 - 250
- cycle 2 (cm): 300 - 350
**Bunch weight** - cycle 1 (kg): 10 - 15
- cycle 2 (kg): 20 - 25
**Number of hands** - cycle 1: 8 - 9
- cycle 2: 7 - 8
**Number of fruits** - cycle 1: 8 - 9
- cycle 2: 7 - 8
**Fruit length** - cycle 1 (cm): 15 - 20
- cycle 2 (cm): 20 - 25
**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking
**Collectors notes:** Some pollen; stamens red
**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Accession descriptors**

| ITC accession number: | ITC.0835  
PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |
|---|---|---|
| Synonyms: | PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |
| Genus: | PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |
| Section: | PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |
| Species/Group: | PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |
| Subspecies/Subgroup: | PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |
| Status of the plant: | PNG178; 216  
Musa  
AA  
PNG213 |  
PNG178; 216  
Musa  
AA  
PNG213 |

**Collecting descriptors**

| Collecting number: | PNG213 |  
PNG213 |
| Collecting date: | 22/10-27/11/88  
W. Highlands  
Kauil |  
22/10-27/11/88  
W. Highlands  
Kauil |
| Province: | PNG213 |  
PNG213 |
| Nearest town: | PNG213 |  
PNG213 |
| Place of collection: | PNG213 |  
PNG213 |

**Evaluation**

| Plant crop cycle | (cycle 1) (mth): 11 - 12 |  
Ratoon crop cycle | (cycle 2) (mth): 6 - 7 |  
Pseudostem height | - cycle 1 (cm): 300 - 350  
- cycle 2 (cm): 350 - 400 |  
Bunch weight | - cycle 1 (kg): 5 - 10  
- cycle 2 (kg): 10 - 15 |  
Number of hands | - cycle 1: 9 - 10  
- cycle 2: 10 - 11 |  
Number of fruits | - cycle 1: 15 - 20  
- cycle 2: 15 - 20 |  
Fruit length | - cycle 1 (cm): 15 - 20  
- cycle 2 (cm): 15 - 20 |  
Susceptibility to yellow Sigatoka: | very low or no visible sign |  

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:** Small, slender plant  
**Presence of pests and diseases:**  
Black leaf streak: 2  
Cordana: 0  
Freckle: 0  
Black cross: 0  
Speckle: 0

---

**Accession descriptors**

| ITC accession number: | ITC.1011  
PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |
|---|---|---|
| Synonyms: | PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |
| Genus: | PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |
| Section: | PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |
| Species/Group: | PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |
| Subspecies/Subgroup: | PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |
| Status of the plant: | PNG219  
Musa  
AA  
PNG214 |  
PNG219  
Musa  
AA  
PNG214 |

**Collecting descriptors**

| Collecting number: | PNG214 |  
PNG214 |
| Collecting date: | 22/10-27/11/88  
W. Highlands  
Kauil |  
22/10-27/11/88  
W. Highlands  
Kauil |
| Province: | PNG214 |  
PNG214 |
| Nearest town: | PNG214 |  
PNG214 |
| Place of collection: | PNG214 |  
PNG214 |

**Evaluation**

| Plant crop cycle | (cycle 1) (mth): 11 - 12 |  
Ratoon crop cycle | (cycle 2) (mth): 6 - 7 |  
Pseudostem height | - cycle 1 (cm): 200 - 250  
- cycle 2 (cm): 250 - 300 |  
Bunch weight | - cycle 1 (kg): 5 - 10  
- cycle 2 (kg): 10 - 15 |  
Number of hands | - cycle 1: 6 - 7  
- cycle 2: 7 - 8 |  
Number of fruits | - cycle 1: 10 - 15  
- cycle 2: 10 - 15 |  
Fruit length | - cycle 1 (cm): 15 - 20  
- cycle 2 (cm): 20 - 25 |  
Susceptibility to yellow Sigatoka: | high |  

**Observation at collecting site**

**Use of the fruit:** Dessert  
**Collectors notes:** Very slender  
**Presence of pests and diseases:**  
Black leaf streak: 2  
Cordana: 0  
Freckle: 0  
Black cross: 0  
Speckle: 0
**Kunaimp**

**Accession descriptors**

**ITC accession number:** ITC.0836/ITC.1215

**Synonyms:**
Genus: Musa
Section: Eumusa
Species/Group: AAB
Subspecies/Subgroup: landrace
Status of the plant:

**Collecting descriptors**

**Collecting number:** PNG215
**Collecting date:** 22/10-27/11/88
**Province:** W. Highlands
**Nearest town:** Goroka
**Place of collection:** Baiyer river

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
Similar to Pisang Rajah; tepal orange; white flesh

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0

**Musa**

**Accession descriptors**

**ITC accession number:** ITC.0837

**Synonyms:**
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant:

**Collecting descriptors**

**Collecting number:** PNG216
**Collecting date:** 22/10-27/11/88
**Province:** W. Highlands
**Nearest town:** Goroka
**Place of collection:** Baiyer river

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
With pollen; yellow flesh

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0838

**Synonyms:**
- Genus: Eumusa
- Section: AA

**Species/Group:** landrace

**Subspecies/Subgroup:**
- Status of the plant:

**Collecting descriptors**

**Collecting number:** PNG217

**Collecting date:** 22/10-27/11/88

**Province:** W. Highlands

**Nearest town:** Goroka

**Place of collection:** Baiyer river

**Plant crop cycle** (cycle 1) (mth): 9 - 10

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height**
- cycle 1 (cm): 200 - 250
- cycle 2 (cm): 250 - 300

**Bunch weight**
- cycle 1 (kg): 5 - 10
- cycle 2 (kg): 10 - 15

**Number of hands**
- cycle 1: 5 - 6
- cycle 2: 6 - 7

**Number of fruits**
- cycle 1: 5 - 6
- cycle 2: 6 - 7

**Fruit length**
- cycle 1 (cm): 25 - 30
- cycle 2 (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
- Small, slender plant

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0839

**Synonyms:**
- Genus: Eumusa
- Section: AA

**Species/Group:** landrace

**Subspecies/Subgroup:**
- Status of the plant:

**Collecting descriptors**

**Collecting number:** PNG218

**Collecting date:** 22/10-27/11/88

**Province:** W. Highlands

**Nearest town:** Goroka

**Place of collection:** Tabibuga

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 5 - 6

**Pseudostem height**
- cycle 1 (cm): 300 - 350
- cycle 2 (cm): 400 - 450

**Bunch weight**
- cycle 1 (kg): 5 - 10
- cycle 2 (kg): 10 - 15

**Number of hands**
- cycle 1: 4 - 5
- cycle 2: 6 - 7

**Number of fruits**
- cycle 1: 4 - 5
- cycle 2: 6 - 7

**Fruit length**
- cycle 1 (cm): 20 - 25
- cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
- Little pollen; yellow flesh

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
Accession descriptors

ITC accession number: ITC.0840
Synonyms: PNG214
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: Indonesia

Collecting descriptors

Collecting number: PNG219
Collecting date: 22/10-27/11/88
Province: W. Highlands
Nearest town: Goroka
Place of collection: Kuk

Plant crop cycle (cycle 1) (mth): 11 - 12
Plant crop cycle (cycle 2) (mth): 6 - 7
Pseudostem height - cycle 1 (cm): 250 - 300
Pseudostem height - cycle 2 (cm): 300 - 350
Bunch weight - cycle 1 (kg): 10 - 15
Bunch weight - cycle 2 (kg): 15 - 20
Number of hands - cycle 1: 6 - 7
Number of hands - cycle 2: 10 - 11
Number of fruits - cycle 1: 15 - 20
Number of fruits - cycle 2: 15 - 20
Fruit length - cycle 1 (cm): 15 - 20
Fruit length - cycle 2 (cm): 15 - 20
Susceptibility to yellow Sigatoka: high

Evaluation site: South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit: Dessert
Collectors notes: Tall, slender

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0

M. acuminata ssp. banksii

Accession descriptors

ITC accession number: ITC.0624
Synonyms: Musa
Genus: Eumusa
Section: acuminata
Species/Group: banksii
Subspecies/Subgroup: wild
Status of the plant: wild

Collecting descriptors

Collecting number: PNG220
Collecting date: 22/10-27/11/88
Province: Madang
Nearest town: Kar kar Island
Place of collection:

Plant crop cycle (cycle 1) (mth): 15 - 16
Plant crop cycle (cycle 2) (mth): 5 - 7
Pseudostem height - cycle 1 (cm): 300 - 350
Pseudostem height - cycle 2 (cm): 5 - 10
Bunch weight - cycle 1 (kg): 13 - 14
Bunch weight - cycle 2 (kg): 10 - 15
Number of hands - cycle 1: 13 - 14
Number of hands - cycle 2: 10 - 15
Number of fruits - cycle 1: 10 - 15
Number of fruits - cycle 2: 10 - 15
Fruit length - cycle 1 (cm): 10 - 15
Fruit length - cycle 2 (cm): 10 - 15
Susceptibility to yellow Sigatoka: low

Evaluation site: South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit: Wild
Collectors notes: Tall, slender

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0
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**Observation at collecting site**

Use of the fruit: Wild
Collectors notes:
Presence of pests and diseases:
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

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**Accession descriptors**

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**Observation at collecting site**

Use of the fruit: Cooking
Collectors notes: = Gonub (PNG160)?
Presence of pests and diseases:
- Black leaf streak: 0
- Cordana: 2
- Freckle: 2
- Black cross: 2
- Speckle: 0
**Patupi**

**Accession descriptors**

- **ITC accession number:** ITC.0848
- **Synonyms:** PNG004; 030
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG225
- **Collecting date:** 15/02-12/03/89
- **Province:** Oro Province
- **Nearest town:** Popondetta
- **Place of collection:** Koipa

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 11 - 12
- **Ratoon crop cycle** (cycle 2) (mth): 11 - 12
- **Pseudostem height** - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 200 - 250
- **Bunch weight** - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 0 - 5
- **Number of hands** - cycle 1: 5 - 6
  - cycle 2: 5 - 6
- **Number of fruits** - cycle 1: 15 - 20
  - cycle 2: 15 - 20
- **Fruit length** - cycle 1 (cm): 25 - 30
  - cycle 2 (cm): 25 - 30
- **Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:**
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

---

**Sepi**

**Accession descriptors**

- **ITC accession number:** ITC.0849
- **Synonyms:** Musa
- **Genus:** Eumusa
- **Section:** AA
- **Species/Group:** landrace
- **Subspecies/Subgroup:**
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG226
- **Collecting date:** 15/02-12/03/89
- **Province:** Oro Province
- **Nearest town:** Popondetta
- **Place of collection:** Koipa

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 12 - 13
- **Ratoon crop cycle** (cycle 2) (mth): 9 - 10
- **Pseudostem height** - cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 250 - 300
- **Bunch weight** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 5 - 6
  - cycle 2: 4 - 5
- **Number of fruits** - cycle 1: 15 - 20
  - cycle 2: 15 - 20
- **Fruit length** - cycle 1 (cm): 25 - 30
  - cycle 2 (cm): 25 - 30
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:**
- **Presence of pests and diseases:**
  - Black leaf streak: 1
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

---

**Evaluation site:** South Johnstone, QDPI, AUS
**Tango**

**Accession descriptors**

- **ITC accession number:** ITC.1012
- **Synonyms:** Musa
- **Genus:** Eumusa
- **Section:** AA
- **Species/Group:** landrace
- **Subspecies/Subgroup:**
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG227
- **Collecting date:** 15/02-12/03/89
- **Province:** Oro Province
- **Nearest town:** Popondetta
- **Place of collection:** Koipa
- **Plant crop cycle** (cycle 1) (mth): 10 - 11
- **Ratoon crop cycle** (cycle 2) (mth): 9 - 10
- **Pseudostem height** - cycle 1 (cm): 250 - 300
  - cycle 2 (cm): 300 - 350
- **Bunch weight** - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 4 - 5
  - cycle 2: 5 - 6
- **Number of fruits** - cycle 1: 4 - 5
  - cycle 2: 4 - 5
- **Fruit length** - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Female fertile

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 2
- Freckle: 2
- Black cross: 0
- Speckle: 0

---

**Inori**

**Accession descriptors**

- **ITC accession number:** ITC.0850
- **Synonyms:** Musa
- **Genus:** Eumusa
- **Section:** AA
- **Species/Group:** landrace
- **Subspecies/Subgroup:**
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG228
- **Collecting date:** 15/02-12/03/89
- **Province:** Oro Province
- **Nearest town:** Popondetta
- **Place of collection:** Koipa
- **Plant crop cycle** (cycle 1) (mth): 11 - 12
- **Ratoon crop cycle** (cycle 2) (mth): 7 - 8
- **Pseudostem height** - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 250 - 300
- **Bunch weight** - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 0 - 5
- **Number of hands** - cycle 1: 4 - 5
  - cycle 2: 4 - 5
- **Number of fruits** - cycle 1: 4 - 5
  - cycle 2: 4 - 5
- **Fruit length** - cycle 1 (cm): 20 - 25
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 2
- Freckle: 2
- Black cross: 0
- Speckle: 0
**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:**

**Section:**

**Species/Group:**

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**Collecting date:**

**Province:**

**Nearest town:**

**Place of collection:**

**Evaluation**

**Ratoon crop cycle (cycle 1) (mth):**

**Pseudostem height (cycle 1 (cm):**

**Ratoon crop cycle (cycle 2) (mth):**

**Pseudostem height (cycle 2 (cm):**

**Bunch weight (cycle 1 (kg):**

**Number of hands (cycle 1:**

**Number of fruits (cycle 1:**

**Fruit length (cycle 1 (cm):**

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**

**Evaluation**

**Ratoon crop cycle (cycle 1) (mth):**

**Pseudostem height (cycle 1 (cm):**

**Ratoon crop cycle (cycle 2) (mth):**

**Pseudostem height (cycle 2 (cm):**

**Bunch weight (cycle 1 (kg):**

**Number of hands (cycle 1:**

**Number of fruits (cycle 1:**

**Fruit length (cycle 1 (cm):**

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**

**Evaluation**

**Ratoon crop cycle (cycle 1) (mth):**

**Pseudostem height (cycle 1 (cm):**

**Ratoon crop cycle (cycle 2) (mth):**

**Pseudostem height (cycle 2 (cm):**

**Bunch weight (cycle 1 (kg):**

**Number of hands (cycle 1:**

**Number of fruits (cycle 1:**

**Fruit length (cycle 1 (cm):**

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**
**M. schizocarpa**

**Accession descriptors**

**ITC accession number:** ITC.0852

**Synonyms:** Musa
d Eumusa
d Schizocarpa

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** Schizocarpa

**Subspecies/Subgroup:** wild

**Status of the plant:** wild

**Collecting descriptors**

**Collecting number:** PNG232

**Collecting date:** 15/02-12/03/89

**Province:** Oro Province

**Nearest town:** Popondetta

**Place of collection:** Koipa

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 2

**M. acuminata ssp. banksii**

**Accession descriptors**

**ITC accession number:** ITC.0853

**Synonyms:** Musa
d Eumusa
d Acuminata

d Banksii

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** Acuminata

**Subspecies/Subgroup:** banksii

**Status of the plant:** wild

**Collecting descriptors**

**Collecting number:** PNG234

**Collecting date:** 15/02-12/03/89

**Province:** Oro Province

**Nearest town:** Popondetta

**Place of collection:** Ononda

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Speckle: 0

Growing with M. schizocarpa
**M. acuminata ssp. banskii x M. schizocarpa**  
**PNG235**

**Accession descriptors**

**ITC accession number:** ITC.1014

**Synonyms:** Musa Eumusa x Australimusa acuminata x schizocarpa

**Genus:** Musa

**Section:** wild

**Species/Group:** Eumusa x Australimusa

**Subspecies/Subgroup:** acuminata x schizocarpa

**Status of the plant:** wild

**Collecting descriptors**

**Collecting number:** PNG235

**Collecting date:** 15/02-12/03/89

**Province:** Oro Province

**Nearest town:** Popondetta

**Place of collection:** Ononda

**EVALUATION**

**Plant crop cycle** (cycle 1) (mth): 11 - 12

**Ratoon crop cycle** (cycle 2) (mth): 7 - 8

**Pseudostem height** - cycle 1 (cm): 200 - 250

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 0 - 5

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 7 - 8

**Number of fruits** - cycle 1: 20 - 25

- cycle 2: 30 - 35

**Fruit length** - cycle 1 (cm): 10 - 15

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

Use of the fruit: Wild

Collectors notes: Freckle severe

Presence of pests and diseases:

- Black leaf streak: 0
- Cordana: 2
- Freckle: 2
- Black cross: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

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**Musa**

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**Umbubu**  
**PNG236**

**Accession descriptors**

**ITC accession number:** ITC.0854

**Synonyms:** Musa Eumusa AAT

**Genus:** Musa

**Section:** landrace

**Species/Group:** AAT

**Subspecies/Subgroup:** PNG236

**Status of the plant:** PNG236

**Collecting descriptors**

**Collecting number:** PNG236

**Collecting date:** 15/02-12/03/89

**Province:** Oro Province

**Nearest town:** Popondetta

**Place of collection:** Konage

**EVALUATION**

**Plant crop cycle** (cycle 1) (mth): 11 - 12

**Ratoon crop cycle** (cycle 2) (mth): 7 - 8

**Pseudostem height** - cycle 1 (cm): 200 - 250

- cycle 2 (cm): 300 - 350

**Bunch weight** - cycle 1 (kg): 0 - 5

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 7 - 8

**Number of fruits** - cycle 1: 20 - 25

- cycle 2: 30 - 35

**Fruit length** - cycle 1 (cm): 10 - 15

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at collecting site**

Use of the fruit: Cooking

Collectors notes:

Presence of pests and diseases:

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Meinje**

**Accession descriptors**

ITC accession number: ITC.1015  
Synonyms:  
Genus: Musa  
Section: Eumusa  
Species/Group: AA  
Subspecies/Subgroup: landrace  
Status of the plant:  

**Collecting descriptors**

Collecting number: PNG237  
Collecting date: 15/02-12/03/89  
Province: Oro Province  
Nearest town: Popondetta  
Place of collection: Embi  

**Evaluation**

Plant crop cycle (cycle 1) (mth): 7 - 8  
Ratoon crop cycle (cycle 2) (mth): 7 - 8  
Pseudostem height - cycle 1 (cm): 200 - 250  
- cycle 2 (cm): 250 - 300  
Bunch weight - cycle 1 (kg): 0 - 5  
- cycle 2 (kg): 0 - 5  
Number of hands - cycle 1: 4 - 5  
- cycle 2: 4 - 5  
Number of fruits - cycle 1: 4 - 5  
- cycle 2: 4 - 5  
Fruit length - cycle 1 (cm): 15 - 20  
- cycle 2 (cm): 15 - 20  
Susceptibility to yellow Sigatoka: low  

**Observation at collecting site**

Use of the fruit: Dessert  
Collectors notes:  

Presence of pests and diseases:  
Black leaf streak: 1  
Cordana: 0  
Freckle: 2  
Black cross: 0  
Speckle: 0  

**Bengani**

**Accession descriptors**

ITC accession number: ITC.0855  
Synonyms:  
Genus: Musa  
Section: Eumusa  
Species/Group: ABB  
Subspecies/Subgroup: landrace  
Status of the plant:  

**Collecting descriptors**

Collecting number: PNG241  
Collecting date: 15/02-12/03/89  
Province: Oro Province  
Nearest town: Popondetta  
Place of collection: Ponangi  

**Evaluation**

Plant crop cycle (cycle 1) (mth): 22 - 23  
Ratoon crop cycle (cycle 2) (mth): 11 - 12  
Pseudostem height - cycle 1 (cm): 350 - 400  
- cycle 2 (cm): 450 - 500  
Bunch weight - cycle 1 (kg): 10 - 15  
- cycle 2 (kg): 25 - 30  
Number of hands - cycle 1: 7 - 8  
- cycle 2: 10 - 11  
Number of fruits - cycle 1: 10 - 15  
- cycle 2: 10 - 15  
Fruit length - cycle 1 (cm): 10 - 15  
- cycle 2 (cm): 10 - 15  
Susceptibility to yellow Sigatoka: very low or no visible sign  

**Observation at collecting site**

Use of the fruit: Cooking  
Collectors notes:  

Presence of pests and diseases:  
Black leaf streak: 0  
Cordana: 2  
Freckle: 2  
Black cross: 0  
Speckle: 0
Accession descriptors

ITC accession number: ITC.1017
Synonyms:
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG242
Collecting date: 15/02-12/03/89
Province: Oro Province
Nearest town: Popondetta
Place of collection: Ponangi

Evaluation

Plant crop cycle (cycle 1) (mth): 13 - 14
Ratoon crop cycle (cycle 2) (mth): 11 - 12
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 300 - 350
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 6 - 7
- cycle 2: 5 - 6
Number of fruits - cycle 1: 
- cycle 2: 
Fruit length - cycle 1 (cm): 20 - 25
- cycle 2 (cm): 20 - 25
Susceptibility to yellow Sigatoka: high

Observation at collecting site

Use of the fruit: Cooking
Collectors notes:

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 2
Freckle: 0
Black cross: 0
Speckle: 0

Maka

Accession descriptors

ITC accession number: ITC.1018
Synonyms:
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG243
Collecting date: 15/02-12/03/89
Province: Oro Province
Nearest town: Popondetta
Place of collection: Ponangi

Evaluation

Plant crop cycle (cycle 1) (mth): 9 - 10
Ratoon crop cycle (cycle 2) (mth): 7 - 8
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 250 - 300
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 4 - 5
- cycle 2: 5 - 6
Number of fruits - cycle 1: 
- cycle 2: 
Fruit length - cycle 1 (cm): 15 - 20
- cycle 2 (cm): 20 - 25
Susceptibility to yellow Sigatoka: low

Observation at collecting site

Use of the fruit: Small plant; orange flesh
Collectors notes:

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 2
Freckle: 0
Black cross: 0
Speckle: 0
### Pongani

**Accession descriptors**

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<thead>
<tr>
<th>ITC accession number:</th>
<th>ITC.1019</th>
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</thead>
<tbody>
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<td>Synonyms:</td>
<td>PNG254; 301</td>
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<tr>
<td>Genus:</td>
<td>Musa</td>
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<td>Section:</td>
<td>Eumusa</td>
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<td>Species/Group:</td>
<td>AA</td>
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<td>Status of the plant:</td>
<td>landrace</td>
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**Collecting descriptors**

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<th>PNG244</th>
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<tr>
<td>Province:</td>
<td>Oro Province</td>
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<td>Nearest town:</td>
<td>Popondetta</td>
</tr>
<tr>
<td>Place of collection:</td>
<td>Ponangi</td>
</tr>
</tbody>
</table>

**Evaluation**

| Plant crop cycle: (cycle 1) (mth): | 11 - 12 |
| Ratoon crop cycle: (cycle 2) (mth): | 9 - 10 |
| Pseudostem height: - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight: - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 5 - 10 |
| Number of hands: - cycle 1: | 5 - 6 |
| - cycle 2: | 4 - 5 |
| Number of fruits: - cycle 1: | 5 - 6 |
| - cycle 2: | 4 - 5 |
| Fruit length: - cycle 1 (cm): | 25 - 30 |
| - cycle 2 (cm): | 25 - 30 |

**Observation at Collecting Site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Small slender plant; introduced from Highlands
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

### M. schizocarpa

**Accession descriptors**

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<td>Synonyms:</td>
<td>Musa</td>
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<tr>
<td>Genus:</td>
<td>Eumusa</td>
</tr>
<tr>
<td>Section:</td>
<td>schizocarpa</td>
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<tr>
<td>Status of the plant:</td>
<td>wild</td>
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**Collecting descriptors**

<table>
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<tr>
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<tr>
<td>Province:</td>
<td>Oro Province</td>
</tr>
<tr>
<td>Nearest town:</td>
<td>Popondetta</td>
</tr>
<tr>
<td>Place of collection:</td>
<td>Banderi</td>
</tr>
</tbody>
</table>

**Evaluation**

| Plant crop cycle: (cycle 1) (mth): | 19 - 20 |
| Ratoon crop cycle: (cycle 2) (mth): | 5 - 10 |
| Pseudostem height: - cycle 1 (cm): | 450 - 500 |
| - cycle 2 (cm): | 5 - 10 |
| Bunch weight: - cycle 1: | 5 - 10 |
| - cycle 2: | 5 - 10 |
| Number of hands: - cycle 1: | 14 - 15 |
| - cycle 2: | 14 - 15 |
| Number of fruits: - cycle 1: | 14 - 15 |
| - cycle 2: | 14 - 15 |
| Fruit length: - cycle 1 (cm): | 10 - 15 |
| - cycle 2 (cm): | 10 - 15 |

**Observation at Collecting Site**

- **Use of the fruit:** Wild
- **Collectors notes:** Bunch somewhat lax and fruit paler coloured than typical M. Schizocarpa. Fruit apparently not splitting when mature; many seeds partially empty
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
M. acuminata ssp. banksii x M. schizocarpa

Accession descriptors

**ITC accession number:** ITC.0858

- **Synonyms:**
  - Musa
  - Eumusa

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** acuminata x schizocarpa
- **Subspecies/Subgroup:** wild
- **Status of the plant:** wild

Collecting descriptors

- **Collecting number:** PNG247
- **Collecting date:** 15/02-12/03/89
- **Province:** Oro Province
- **Nearest town:** Popondetta
- **Place of collection:** Sangara

- **Plant crop cycle** (cycle 1) (mth): 18 - 19
- **Ratoon crop cycle** (cycle 2) (mth): 18 - 19
- **Pseudostem height** - cycle 1 (cm): 300 - 350
- **Bunch weight** - cycle 1 (kg): 0 - 5
- **Number of hands** - cycle 1: 9 - 10
- **Number of fruits** - cycle 1: 10 - 15
- **Fruit length** - cycle 1 (cm): 10 - 15
- **Susceptibility to yellow Sigatoka:** intermediate

Observation at collecting site

- **Use of the fruit:** Wild
- **Collectors notes:**

  Presence of pests and diseases:
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 2

  Black cross: 0
  - Speckle: 0

Buka

Accession descriptors

**ITC accession number:** ITC.0860

- **Synonyms:**
  - Musa
  - Eumusa

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace
- **Status of the plant:** landrace

Collecting descriptors

- **Collecting number:** PNG249
- **Collecting date:** 15/02-12/03/89
- **Province:** Oro Province
- **Nearest town:** Popondetta
- **Place of collection:** Sisireta

- **Plant crop cycle** (cycle 1) (mth): 13 - 14
- **Ratoon crop cycle** (cycle 2) (mth): 9 - 10
- **Pseudostem height** - cycle 1 (cm): 250 - 300
- **Bunch weight** - cycle 1 (kg): 5 - 10
- **Number of hands** - cycle 1: 4 - 5
- **Number of fruits** - cycle 1: 5 - 10
- **Fruit length** - cycle 1 (cm): 25 - 30
- **Susceptibility to yellow Sigatoka:** intermediate

Observation at collecting site

- **Use of the fruit:** Cooking
- **Collectors notes:** Small, slender plant

  Presence of pests and diseases:
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0

  Black cross: 2
  - Speckle: 0
**Accession descriptors**

**ITC accession number:**

**Genus:**
**Section:**
**Species/Group:**
**Subspecies/Subgroup:**
**Status of the plant:**

**Collecting descriptors**

**Collecting number:**
**Collecting date:**
**Province:**
**Nearest town:**
**Place of collection:**

**Evaluation**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Cycle 1 (mth)</th>
<th>Cycle 2 (mth)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plant crop cycle</td>
<td>12</td>
<td>13</td>
</tr>
<tr>
<td>Ratoon crop cycle</td>
<td>8</td>
<td>9</td>
</tr>
<tr>
<td>Pseudostem height</td>
<td>300</td>
<td>350</td>
</tr>
<tr>
<td>Bunch weight</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Number of hands</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Fruit length</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>intermediate</td>
<td></td>
</tr>
</tbody>
</table>

**Observation at collecting site**

**Use of the fruit:**
**Collectors notes:**

**Presence of pests and diseases:**
Black leaf streak: 0
Cordana: 2
Freckle: 0
Black cross: 2
Speckle: 0

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**Accession descriptors**

**ITC accession number:**

**Genus:**
**Section:**
**Species/Group:**
**Subspecies/Subgroup:**
**Status of the plant:**

**Collecting descriptors**

**Collecting number:**
**Collecting date:**
**Province:**
**Nearest town:**
**Place of collection:**

**Evaluation**

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Cycle 1 (mth)</th>
<th>Cycle 2 (mth)</th>
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</thead>
<tbody>
<tr>
<td>Plant crop cycle</td>
<td>24</td>
<td>25</td>
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<tr>
<td>Ratoon crop cycle</td>
<td>7</td>
<td>8</td>
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<tr>
<td>Pseudostem height</td>
<td>400</td>
<td>450</td>
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<tr>
<td>Bunch weight</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Number of hands</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>Number of fruits</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Fruit length</td>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>very low or no visible sign</td>
<td></td>
</tr>
</tbody>
</table>

**Observation at collecting site**

**Use of the fruit:**
**Collectors notes:**

**Presence of pests and diseases:**
Black leaf streak: 0
Cordana: 0
Freckle: 0
Black cross: 0
Speckle: 0
**M. acuminata ssp. banksii x M. schizocarpa**

**Accession descriptors**

**ITC accession number:** ITC.0865

**Synonyms:**

Genus: Musa
Section: Eumusa
Species/Group: acuminata x schizocarpa
Subspecies/Subgroup: wild

**Collecting descriptors**

**Collecting number:** PNG253
**Collecting date:** 15/02-12/03/89
**Province:** Oro Province
**Nearest town:** Popondetta
**Place of collection:** Onato Plantation

**Evaluation site:** South Johnstone, QDPI, AUS

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>13 - 14</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>11 - 12</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>300 - 350</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>0 - 5</td>
</tr>
<tr>
<td>Bunch weight - cycle 1 (kg):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>- cycle 2 (kg):</td>
<td>5 - 6</td>
</tr>
<tr>
<td>Number of hands - cycle 1:</td>
<td>25 - 30</td>
</tr>
<tr>
<td>- cycle 2:</td>
<td>20 - 25</td>
</tr>
<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>5 - 6</td>
</tr>
</tbody>
</table>

**Susceptibility to yellow Sigatoka:**

intermediate

**Use of the fruit:** Wild

**Collectors notes:**

<table>
<thead>
<tr>
<th>Presence of pests and diseases:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black leaf streak:</td>
</tr>
<tr>
<td>Cordana:</td>
</tr>
<tr>
<td>Freckle:</td>
</tr>
<tr>
<td>Black cross:</td>
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<tr>
<td>Speckle:</td>
</tr>
</tbody>
</table>

**Onato**

**Accession descriptors**

**ITC accession number:** ITC.0866

**Synonyms:**

Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace

**Collecting descriptors**

**Collecting number:** PNG254
**Collecting date:** 15/02-12/03/89
**Province:** Oro Province
**Nearest town:** Popondetta
**Place of collection:** Onato Plantation

**Evaluation site:** South Johnstone, QDPI, AUS

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>11 - 12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>250 - 300</td>
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<tr>
<td>- cycle 2 (cm):</td>
<td>200 - 250</td>
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<td>Bunch weight - cycle 1 (kg):</td>
<td>5 - 10</td>
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<tr>
<td>- cycle 2 (kg):</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Number of hands - cycle 1:</td>
<td>5 - 6</td>
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<tr>
<td>- cycle 2:</td>
<td>4 - 5</td>
</tr>
<tr>
<td>Number of fruits - cycle 1:</td>
<td>5 - 6</td>
</tr>
<tr>
<td>- cycle 2:</td>
<td>4 - 5</td>
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<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>25 - 30</td>
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<tr>
<td>- cycle 2 (cm):</td>
<td>20 - 25</td>
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**Susceptibility to yellow Sigatoka:**

low

**Use of the fruit:** Cooking

**Collectors notes:**

<table>
<thead>
<tr>
<th>Presence of pests and diseases:</th>
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</thead>
<tbody>
<tr>
<td>Black leaf streak:</td>
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<tr>
<td>Cordana:</td>
</tr>
<tr>
<td>Freckle:</td>
</tr>
<tr>
<td>Black cross:</td>
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<td>Speckle:</td>
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Musa acuminata ssp. banksii

Accession descriptors

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<td>Status of the plant:</td>
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Collecting descriptors

| Collecting number: | PNG255 |
| Collecting date:   | 15/02-12/03/89 |
| Province:          | Oro Province |
| Nearest town:      | Popondetta  |
| Place of collection: | Ambogo |

Evaluation

| Plant crop cycle (cycle 1) (mth): | 13 - 14 |
| Ratoon crop cycle (cycle 2) (mth): | 6 - 7 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 0 - 5 |
| - cycle 2 (kg): | 0 - 5 |
| Number of hands - cycle 1: | 9 - 10 |
| - cycle 2: | 10 - 11 |
| Number of fruits - cycle 1: | 9 - 10 |
| - cycle 2: | 10 - 11 |
| Fruit length - cycle 1 (cm): | 10 - 15 |
| - cycle 2 (cm): | 10 - 15 |
| Susceptibility to yellow Sigatoka: | intermediate |

Observation at collecting site

Use of the fruit: Wild
Collectors notes: Male bud purple
Presence of pests and diseases:
- Black leaf streak: 2
- Cordana: 0
- Speckle: 0

Porapora

Accession descriptors

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Collecting descriptors

| Collecting number: | PNG256 |
| Collecting date:   | 15/02-12/03/89 |
| Province:          | Southern Highlands |
| Nearest town:      | Mendi |
| Place of collection: |         |

Evaluation

| Plant crop cycle (cycle 1) (mth): | 11 - 12 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): | 5 - 10 |
| Number of hands - cycle 1: | 8 - 9 |
| - cycle 2: | 9 - 10 |
| Number of fruits - cycle 1: | 8 - 9 |
| - cycle 2: | 9 - 10 |
| Fruit length - cycle 1 (cm): | 15 - 20 |
| - cycle 2 (cm): | 10 - 15 |
| Susceptibility to yellow Sigatoka: | intermediate |

Observation at collecting site

Use of the fruit: Cooking and dessert
Collectors notes: Male flower cream
Presence of pests and diseases:
- Black leaf streak: 2
- Cordana: 0
- Speckle: 0
**Mala**

**Accession descriptors**

**ITC accession number:** ITC.0869

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Status of the plant:**
- PNG257

**Collecting descriptors**

**Collecting number:** PNG257

**Collecting date:** 15/02-12/03/89

**Province:** Southern Highlands

**Nearest town:** Mendi

**Plant crop cycle** (cycle 1) (mth):
- 11 - 12

**Ratoon crop cycle** (cycle 2) (mth):
- 6 - 7

**Pseudostem height** (cycle 1 (cm)):
- 200 - 250

**- cycle 2 (cm):**
- 250 - 300

**Bunch weight** (cycle 1 (kg)):
- 5 - 10

**- cycle 2 (kg):**
- 10 - 15

**Number of hands** (cycle 1):
- 5 - 6

**- cycle 2:**
- 6 - 7

**Number of fruits** (cycle 1):
- 20 - 25

**- cycle 2:**
- 20 - 25

**Fruit length** (cycle 1 (cm)):
- 15 - 20

**- cycle 2 (cm):**
- 15 - 20

**Susceptibility to yellow Sigatoka:**
- high

**Observation at collecting site**

- Use of the fruit: Cooking
- Collectors notes: Small erect leaves; Malayan leaf spot severe
- Presence of pests and diseases:
  - Black leaf streak: 1
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

---

**Horul**

**Accession descriptors**

**ITC accession number:** ITC.0870

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AAB

**Species/Group:** landrace

**Status of the plant:**
- PNG258

**Collecting descriptors**

**Collecting number:** PNG258

**Collecting date:** 15/02-12/03/89

**Province:** Southern Highlands

**Nearest town:** Mendi

**Plant crop cycle** (cycle 1) (mth):
- 11 - 12

**Ratoon crop cycle** (cycle 2) (mth):
- 8 - 9

**Pseudostem height** (cycle 1 (cm)):
- 350 - 400

**- cycle 2 (cm):**
- 450 - 500

**Bunch weight** (cycle 1 (kg)):
- 20 - 25

**- cycle 2 (kg):**
- 20 - 25

**Number of hands** (cycle 1):
- 5 - 6

**- cycle 2:**
- 6 - 7

**Number of fruits** (cycle 1):
- 20 - 25

**- cycle 2:**
- 20 - 25

**Fruit length** (cycle 1 (cm)):
- 20 - 25

**- cycle 2 (cm):**
- 20 - 25

**Susceptibility to yellow Sigatoka:**
- low

**Observation at collecting site**

- Use of the fruit: Cooking
- Collectors notes: Tall, robust; Malayan leaf spot
- Presence of pests and diseases:
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 2
  - Black cross: 0
  - Speckle: 0
**Accession descriptors**

**ITC accession number:** ITC.0871

- **Synonyms:** Musa Eumusa
- **Genus:** Musa
- **Section:** AAB
- **Species/Group:** landrace
- **Subspecies/Subgroup:** PNG260
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG260
- **Collecting date:** 15/02-12/03/89
- **Province:** Southern Highlands
- **Nearest town:** Mendi
- **Place of collection:** Lai Valley

- **Plant crop cycle (cycle 1) (mth):** 19 - 20
- **Ratoon crop cycle (cycle 2) (mth):**
- **Pseudostem height - cycle 1 (cm):** 250 - 300
- **- cycle 2 (cm):**
- **Bunch weight - cycle 1 (kg):** 0 - 5
- **- cycle 2 (kg):**
- **Number of hands - cycle 1:** 3
- **- cycle 2:**
- **Number of fruits - cycle 1:**
- **- cycle 2:**
- **Fruit length - cycle 1 (cm):** 10 - 15
- **- cycle 2 (cm):**
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Tall; very common in this area; Malayan leaf spot

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

**Accession descriptors**

**ITC accession number:** ITC.0872

- **Synonyms:** Musa Eumusa
- **Genus:** Musa
- **Section:** AAB
- **Species/Group:** landrace
- **Subspecies/Subgroup:** PNG261
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG261
- **Collecting date:** 15/02-12/03/89
- **Province:** Southern Highlands
- **Nearest town:** Mendi
- **Place of collection:** Lai Valley

- **Plant crop cycle (cycle 1) (mth):** 11 - 12
- **Ratoon crop cycle (cycle 2) (mth):** 10 - 11
- **Pseudostem height - cycle 1 (cm):** 300 - 350
- **- cycle 2 (cm):** 400 - 450
- **Bunch weight - cycle 1 (kg):** 10 - 15
- **- cycle 2 (kg):** 5 - 10
- **Number of hands - cycle 1:** 4
- **- cycle 2:** 5
- **Number of fruits - cycle 1:**
- **- cycle 2:**
- **Fruit length - cycle 1 (cm):** 25 - 30
- **- cycle 2 (cm):** 25 - 30
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Tall; leaves drooping; Malayan leaf spot

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
### Kwince

**Accession descriptors**

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**Collecting descriptors**

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<tr>
<td>Ratoon crop cycle</td>
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<td>25 - 26</td>
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<td>250 - 300</td>
<td>250 - 300</td>
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<td>Bunch weight</td>
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<td>Number of hands</td>
<td>5 - 10</td>
<td>6</td>
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<tr>
<td>Number of fruits</td>
<td>30 - 35</td>
<td>30 - 35</td>
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<td>Fruit length</td>
<td>20 - 25</td>
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<tr>
<td>Susceptibility to yellow Sigatoka:</td>
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</table>

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Robust; good suckering
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

### Tumay

**Accession descriptors**

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**Collecting descriptors**

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<td>Plant crop cycle</td>
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<tr>
<td>Ratoon crop cycle</td>
<td>10 - 11</td>
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<td>Pseudostem height</td>
<td>400 - 450</td>
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<td>15 - 20</td>
<td>20 - 25</td>
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<td>Number of hands</td>
<td>7 - 8</td>
<td>9 - 10</td>
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<td>Number of fruits</td>
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<td>20 - 25</td>
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<td>Fruit length</td>
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<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>low</td>
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**Observation at collecting site**

- **Use of the fruit:** Cooking and dessert
- **Collectors notes:** Tall, slender plant; suckering inhibited; with pollen
- **Presence of pests and diseases:**
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 2
  - Black cross: 0
  - Speckle: 0
**Hogolo**

**Accession descriptors**

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**Collecting descriptors**

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**Evaluation**

- Plant crop cycle (cycle 1) (mth): 11 - 12
- Ratoon crop cycle (cycle 2) (mth): 10 - 11
- Pseudostem height (cycle 1) (cm): 250 - 300
- Pseudostem height (cycle 2) (cm): 350 - 400
- Bunch weight (cycle 1) (kg): 5 - 10
- Bunch weight (cycle 2) (kg): 5 - 10
- Number of hands (cycle 1): 4 - 5
- Number of hands (cycle 2): 5 - 6
- Number of fruits (cycle 1): 4 - 5
- Number of fruits (cycle 2): 5 - 6
- Fruit length (cycle 1) (cm): 20 - 25
- Fruit length (cycle 2) (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- Use of the fruit: Cooking
- Collectors notes: Male flower cream, with pollen; important in local ceremonies; Malayan leaf spot
- Presence of pests and diseases:
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

---

**Tigua**

**Accession descriptors**

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**Collecting descriptors**

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<td>Place of collection:</td>
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**Evaluation**

- Plant crop cycle (cycle 1) (mth): 11 - 12
- Ratoon crop cycle (cycle 2) (mth): 7 - 8
- Pseudostem height (cycle 1) (cm): 350 - 400
- Pseudostem height (cycle 2) (cm): 350 - 400
- Bunch weight (cycle 1) (kg): 20 - 25
- Bunch weight (cycle 2) (kg): 10 - 15
- Number of hands (cycle 1): 8 - 9
- Number of hands (cycle 2): 8 - 9
- Number of fruits (cycle 1): 8 - 9
- Number of fruits (cycle 2): 8 - 9
- Fruit length (cycle 1) (cm): 20 - 25
- Fruit length (cycle 2) (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- Use of the fruit: Cooking and dessert
- Collectors notes: Tall, robust; with pollen
- Presence of pests and diseases:
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
**Meko**

**Accession descriptors**

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**Collecting descriptors**

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**Evaluation**

- **Plant crop cycle**
  - cycle 1 (mth): 26 - 27
- **Ratoon crop cycle**
  - cycle 1 (mth): 13 - 14
  - cycle 2 (mth): 5 - 6
- **Pseudostem height**
  - cycle 1 (cm): 25 - 30
  - cycle 2 (cm): 550 - 600
- **Bunch weight**
  - cycle 1 (kg): 9 - 10
  - cycle 2 (kg): 25 - 30
- **Number of hands**
  - cycle 1: 6 - 7
  - cycle 2: 15 - 20
- **Number of fruits**
  - cycle 1: 25 - 30
  - cycle 2: 9 - 10
- **Fruit length**
  - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka**: intermediate

**Observation at collecting site**

- **Use of the fruit**: Cooking and dessert
- **Collectors notes**: Tall, robust; = Ambiri (PNG194)?; Malayan leaf spot
- **Presence of pests and diseases**:
  - Black leaf streak: 1
  - Cordana: 0
  - Freckle: 0

**Gebi**

**Accession descriptors**

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**Collecting descriptors**

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<tr>
<td>Nearest town:</td>
<td>Tari</td>
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**Evaluation**

- **Plant crop cycle**
  - cycle 1 (mth): 13 - 14
- **Ratoon crop cycle**
  - cycle 1 (mth): 5 - 6
- **Pseudostem height**
  - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 300 - 350
- **Bunch weight**
  - cycle 1 (kg): 6 - 7
  - cycle 2 (kg): 10 - 15
- **Number of hands**
  - cycle 1: 15 - 20
  - cycle 2: 20 - 25
- **Number of fruits**
  - cycle 1: 15 - 20
  - cycle 2: 7 - 8
- **Fruit length**
  - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka**: high

**Observation at collecting site**

- **Use of the fruit**: Cooking
- **Collectors notes**: Malayan leaf spot
- **Presence of pests and diseases**:
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 2
  - Black cross: 0
  - Speckle: 0
Kundubu

**Accession descriptors**

**ITC accession number:** ITC.0878

**Synonyms:**
- Genus: Musa
- Section: Eumusa
- Species/Group: AAB
- Subspecies/Subgroup: landrace

**Collecting descriptors**

**ITC accession number:** PNG268

**Collecting number:** PNG268

**Collecting date:** 15/02-12/03/89

**Province:** Southern Highlands

**Nearest town:** Tari

**Place of collection:** Hiwanda

**Evaluation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male flower cream with little pollen

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male flower cream with little pollen

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male bud purple

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 2
- Black cross: 0
- Speckle: 0

**Plant crop cycle**
- (cycle 1) (mth): 15
- (cycle 2) (mth): 16

**Ratoon crop cycle**
- (cycle 1) (mth): 15
- (cycle 2) (mth): 16

**Pseudostem height**
- (cycle 1) (cm): 450
- (cycle 2) (cm): 500

**Bunch weight**
- (cycle 1) (kg): 20
- (cycle 2) (kg): 25

**Number of hands**
- (cycle 1): 9
- (cycle 2): 10

**Number of fruits**
- (cycle 1): 9
- (cycle 2): 10

**Fruit length**
- (cycle 1) (cm): 15
- (cycle 2) (cm): 20

**Susceptibility to yellow Sigatoka:**
- Low

---

M. acuminata ssp. banksii

**Accession descriptors**

**ITC accession number:** ITC.0879

**Synonyms:**
- Genus: Musa
- Section: Eumusa
- Species/Group: acuminata
- Subspecies/Subgroup: banksii

**Collecting descriptors**

**ITC accession number:** PNG269

**Collecting number:** PNG269

**Collecting date:** 15/02-12/03/89

**Province:** Western Province

**Nearest town:** Kiunga

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male bud purple

**Observation at collecting site**

**Use of the fruit:** Wild

**Collectors notes:** Male bud purple

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 2
- Black cross: 0
- Speckle: 0

**Plant crop cycle**
- (cycle 1) (mth): 17
- (cycle 2) (mth): 18

**Ratoon crop cycle**
- (cycle 1) (mth): 17
- (cycle 2) (mth): 18

**Pseudostem height**
- (cycle 1) (cm): 250
- (cycle 2) (cm): 300

**Bunch weight**
- (cycle 1) (kg): 0
- (cycle 2) (kg): 5

**Number of hands**
- (cycle 1): 13
- (cycle 2): 14

**Number of fruits**
- (cycle 1): 10
- (cycle 2): 15

**Fruit length**
- (cycle 1) (cm): 10
- (cycle 2) (cm): 15

**Susceptibility to yellow Sigatoka:**
- Low
**Accession descriptors**

**ITC accession number:** ITC.0880

**Synonyms:** PNG210

**Genus:** Musa

**Species/Group:** Eumusa AB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG270

**Collecting date:** 15/02-12/03/89

**Province:** Western Province

**Nearest town:** Kiunga

**Place of collection:** Somongos

**Evaluation**

**Plant crop cycle** (cycle 1) (mth): 16 - 17

**Ratoon crop cycle** (cycle 2) (mth): 11 - 12

**Pseudostem height** - cycle 1 (cm): 450 - 500

- cycle 2 (cm): 550 - 600

**Bunch weight** - cycle 1 (kg): 20 - 25

- cycle 2 (kg): 30 - 35

**Number of hands** - cycle 1: 12 - 13

- cycle 2: 14 - 15

**Number of fruits** - cycle 1: 15 - 20

- cycle 2: 15 - 20

**Fruit length** - cycle 1 (cm): 30 - 40

- cycle 2 (cm): 45 - 50

**Susceptibility to yellow Sigatoka:** intermediate

**Observation AT Collecting Site**

**Use of the fruit:** Cooking

**Collectors notes:** Tall, robust

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 2

**Evaluation**

**Accession descriptors**

**ITC accession number:** ITC.0881

**Synonyms:**

**Genus:** Musa

**Species/Group:** Eumusa AB

**Subspecies/Subgroup:** Plantain

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG272

**Collecting date:** 15/02-12/03/89

**Province:** Western Province

**Nearest town:** Kiunga

**Place of collection:** Somongos

**Evaluation**

**Plant crop cycle** (cycle 1) (mth): 13 - 14

**Ratoon crop cycle** (cycle 2) (mth): 11 - 12

**Pseudostem height** - cycle 1 (cm): 300 - 350

- cycle 2 (cm): 350 - 400

**Bunch weight** - cycle 1 (kg): 10 - 15

- cycle 2 (kg): 10 - 15

**Number of hands** - cycle 1: 2 - 3

- cycle 2: 2 - 3

**Number of fruits** - cycle 1: 2 - 3

- cycle 2: 2 - 3

**Fruit length** - cycle 1 (cm): 35 - 40

- cycle 2 (cm): 45 - 50

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation AT Collecting Site**

**Use of the fruit:** Cooking

**Collectors notes:** True Horn plantain

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 2

**Black cross:** 0

**Speckle:** 0
Kwosriake

**Accession descriptors**

**ITC accession number:** ITC.0882  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace

**Collecting descriptors**

**Collecting number:** PNG273  
**Collecting date:** 15/02-12/03/89  
**Province:** Western Province  
**Nearest town:** Kiunga  
**Place of collection:** Somongos

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 13 - 14  
- **Ratoon crop cycle** (cycle 2) (mth): 8 - 9  
- **Pseudostem height** - cycle 1 (cm): 250 - 300  
  - cycle 2 (cm): 300 - 350  
- **Bunch weight** - cycle 1 (kg): 5 - 10  
  - cycle 2 (kg): 0 - 5  
- **Number of hands** - cycle 1: 7 - 8  
  - cycle 2: 7 - 8  
- **Number of fruits** - cycle 1: 15 - 20  
  - cycle 2: 10 - 15

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:** Small, slender; good suckering

**Presence of pests and diseases:**  
Black leaf streak: 2  
Cordana: 0  
Freckle: 0  
Black cross: 0  
Speckle: 0

---

Skai

**Accession descriptors**

**ITC accession number:** ITC.0883  
**Synonyms:** PNG361  
**Genus:** Musa  
**Section:** Australimusa  
**Species/Group:** Fe'i  
**Subspecies/Subgroup:** landrace

**Collecting descriptors**

**Collecting number:** PNG274  
**Collecting date:** 15/02-12/03/89  
**Province:** Western Province  
**Nearest town:** Kiunga  
**Place of collection:** Ningerum

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 16 - 17  
- **Ratoon crop cycle** (cycle 2) (mth): 8 - 9  
- **Pseudostem height** - cycle 1 (cm): 300 - 350  
  - cycle 2 (cm): 400 - 450  
- **Bunch weight** - cycle 1 (kg): 0 - 5  
  - cycle 2 (kg): 5 - 10  
- **Number of hands** - cycle 1: 6 - 7  
  - cycle 2: 8 - 9  
- **Number of fruits** - cycle 1: 15 - 20  
  - cycle 2: 15 - 20

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert  
**Collectors notes:** Erect bunch; orange flesh

**Presence of pests and diseases:**  
Black leaf streak: 0  
Cordana: 2  
Freckle: 2  
Black cross: 0  
Speckle: 0
## Accession descriptors

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### Collecting descriptors

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### Evaluation

<table>
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<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>14 - 15</th>
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<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>6 - 7</td>
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<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>250 - 300</td>
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<td>- cycle 2 (cm):</td>
<td>300 - 350</td>
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<tr>
<td>Bunch weight - cycle 1 (kg):</td>
<td>10 - 15</td>
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<tr>
<td>- cycle 2 (kg):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Number of hands - cycle 1:</td>
<td>6 - 7</td>
</tr>
<tr>
<td>- cycle 2:</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Number of fruits - cycle 1:</td>
<td>20 - 25</td>
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<tr>
<td>- cycle 2:</td>
<td>15 - 20</td>
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<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>20 - 25</td>
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<tr>
<td>- cycle 2 (cm):</td>
<td>15 - 20</td>
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<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>intermediate</td>
</tr>
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## Observation at collecting site

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

## Observation at collecting site

**Use of the fruit:** Wild

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

---

**Evaluation site:** South Johnstone, QDPI, AUS

**Musa**

**Accession descriptors**

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### Collecting descriptors

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### Evaluation

<table>
<thead>
<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>13 - 14</th>
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<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>4 - 5</td>
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<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>200 - 250</td>
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<td>- cycle 2 (cm):</td>
<td>250 - 300</td>
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<td>Bunch weight - cycle 1 (kg):</td>
<td>0 - 5</td>
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<tr>
<td>- cycle 2 (kg):</td>
<td>0 - 5</td>
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<tr>
<td>Number of hands - cycle 1:</td>
<td>10 - 11</td>
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<tr>
<td>- cycle 2:</td>
<td>11 - 12</td>
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<tr>
<td>Number of fruits - cycle 1:</td>
<td>10 - 15</td>
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<tr>
<td>- cycle 2:</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>- cycle 2 (cm):</td>
<td>10 - 15</td>
</tr>
<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>high</td>
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</table>

## Observation at collecting site

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

## Observation at collecting site

**Use of the fruit:** Wild

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

---

**Evaluation site:** South Johnstone, QDPI, AUS

**M. acuminata ssp. banksii**

**Accession descriptors**

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### Collecting descriptors

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<td>Place of collection:</td>
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### Evaluation

<table>
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<tr>
<th>Plant crop cycle (cycle 1) (mth):</th>
<th>13 - 14</th>
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</thead>
<tbody>
<tr>
<td>Ratoon crop cycle (cycle 2) (mth):</td>
<td>4 - 5</td>
</tr>
<tr>
<td>Pseudostem height - cycle 1 (cm):</td>
<td>200 - 250</td>
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<tr>
<td>- cycle 2 (cm):</td>
<td>250 - 300</td>
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<td>Bunch weight - cycle 1 (kg):</td>
<td>0 - 5</td>
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<td>- cycle 2 (kg):</td>
<td>0 - 5</td>
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<tr>
<td>Number of hands - cycle 1:</td>
<td>10 - 11</td>
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<tr>
<td>- cycle 2:</td>
<td>11 - 12</td>
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<tr>
<td>Number of fruits - cycle 1:</td>
<td>10 - 15</td>
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<tr>
<td>- cycle 2:</td>
<td>10 - 15</td>
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<tr>
<td>Fruit length - cycle 1 (cm):</td>
<td>10 - 15</td>
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<td>- cycle 2 (cm):</td>
<td>10 - 15</td>
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<tr>
<td>Susceptibility to yellow Sigatoka:</td>
<td>high</td>
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## Observation at collecting site

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

## Observation at collecting site

**Use of the fruit:** Wild

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0
**Accession descriptors**

**Musa**

**Accession descriptors**

**Accession number:** ITC.0886

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG277

**Collecting date:** 15/02-12/03/89

**Province:** Western Province

**Nearest town:** Kiunga

**Place of collection:** Somongos

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Small, slender; male flower cream

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0

**Grupnai**

**Accession descriptors**

**Accession number:** ITC.0887

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG278

**Collecting date:** 15/02-12/03/89

**Province:** Western Province

**Nearest town:** Kiunga

**Place of collection:** Somongos

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking and dessert

**Collectors notes:** Small, pale pseudostem; male flower cream

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0
**Accession descriptors**

**ITC accession number:** ITC.0888

**Synonyms:**
- Genus: Musa
- Section: Eumusa
- Species/Group: AA
- Subspecies/Subgroup: landrace

**Collecting descriptors**

**Collecting number:** PNG280
**Collecting date:** 15/02-12/03/89
**Province:** Western Province
**Nearest town:** Kiunga
**Place of collection:** Somongos

**Evaluation**
- **Plant crop cycle** (cycle 1) (mth): 13 - 14
- **Ratoon crop cycle** (cycle 2) (mth): 6 - 7
- **Pseudostem height**
  - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 250 - 300
- **Bunch weight**
  - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10
- **Number of hands**
  - cycle 1: 5 - 6
  - cycle 2: 6 - 7
- **Number of fruits**
  - cycle 1: 5 - 6
  - cycle 2: 6 - 7
- **Fruit length**
  - cycle 1 (cm): 15 - 20
  - cycle 2 (cm): 15 - 20
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**
- **Use of the fruit:** Cooking
- **Collectors notes:** Male flower cream; abundant pollen
- **Presence of pests and diseases:**
  - Black leaf streak: 1
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

---

**Accession descriptors**

**ITC accession number:** ITC.0889

**Synonyms:**
- Genus: Musa
- Section: Eumusa
- Species/Group: AA
- Subspecies/Subgroup: landrace

**Collecting descriptors**

**Collecting number:** PNG281
**Collecting date:** 15/02-12/03/89
**Province:** Western Province
**Nearest town:** Kiunga
**Place of collection:** Somongos

**Evaluation**
- **Plant crop cycle** (cycle 1) (mth): 14 - 15
- **Ratoon crop cycle** (cycle 2) (mth): 7 - 8
- **Pseudostem height**
  - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 250 - 300
- **Bunch weight**
  - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 5 - 10
- **Number of hands**
  - cycle 1: 5 - 6
  - cycle 2: 6 - 7
- **Number of fruits**
  - cycle 1: 5 - 6
  - cycle 2: 6 - 7
- **Fruit length**
  - cycle 1 (cm): 10 - 15
  - cycle 2 (cm): 10 - 15
- **Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**
- **Use of the fruit:** Cooking
- **Collectors notes:** Small plant; male flower cream; no pollen
- **Presence of pests and diseases:**
  - Black leaf streak: 1
  - Cordana: 0
  - Freckle: 2
  - Black cross: 0
  - Speckle: 0
**Accession descriptors**

**ITC accession number:** ITC.0891

- **Synonyms:**
  - Musa
- **Genus:** Eumusa
- **Section:** AA
- **Species/Group:** landrace
- **Subspecies/Subgroup:**
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG284
- **Collecting date:** 15/02-12/03/89
- **Province:** Gulf Province
- **Nearest town:** Kerema
- **Place of collection:** Murua

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

- **Presence of pests and diseases:**
  - Black leaf streak: 1
  - Cordana: 2
  - Freckle: 0

---

**Accession descriptors**

**ITC accession number:** ITC.0892

- **Synonyms:**
  - Musa
- **Genus:** Eumusa
- **Section:** AA
- **Species/Group:** landrace
- **Subspecies/Subgroup:**
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG285
- **Collecting date:** 15/02-12/03/89
- **Province:** Gulf Province
- **Nearest town:** Kerema
- **Place of collection:** Murua

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:**

- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
**Accession descriptors**

**ITC accession number:** ITC.1020  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

**Collecting descriptors**

**Collecting number:** PNG286  
**Collecting date:** 04/06-09/07/89  
**Province:** Gulf Province  
**Nearest town:** Kerema  
**Place of collection:** Murua  

**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 11 - 12 |  
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |  
| Pseudostem height - cycle 1 (cm): | 300 - 350 |  
| - cycle 2 (cm): | 350 - 400 |  
| Bunch weight - cycle 1 (kg): | 5 - 10 |  
| - cycle 2 (kg): | 5 - 10 |  
| Number of hands - cycle 1: | 7 - 8 |  
| - cycle 2: | 7 - 8 |  
| Number of fruits - cycle 1: | 7 - 8 |  
| - cycle 2: | 7 - 8 |  
| Fruit length - cycle 1 (cm): | 10 - 15 |  
| - cycle 2 (cm): | 15 - 20 |  
| Susceptibility to yellow Sigatoka: | low |  

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:**  
**Presence of pests and diseases:**  
Black leaf streak: 0  
Cordana: 2  
Freckle: 0  
Black cross: 2  
Speckle: 0  

---

**Accession descriptors**

**ITC accession number:** ITC.0893  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

**Collecting descriptors**

**Collecting number:** PNG287  
**Collecting date:** 04/06-09/07/89  
**Province:** Gulf Province  
**Nearest town:** Kerema  
**Place of collection:** Murua  

**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 14 - 15 |  
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |  
| Pseudostem height - cycle 1 (cm): | 250 - 300 |  
| - cycle 2 (cm): | 250 - 300 |  
| Bunch weight - cycle 1 (kg): | 10 - 15 |  
| - cycle 2 (kg): | 5 - 10 |  
| Number of hands - cycle 1: | 7 - 8 |  
| - cycle 2: | 5 - 6 |  
| Number of fruits - cycle 1: | 10 - 15 |  
| - cycle 2: | 5 - 6 |  
| Fruit length - cycle 1 (cm): | 15 - 20 |  
| - cycle 2 (cm): | 15 - 20 |  
| Susceptibility to yellow Sigatoka: | high |  

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:**  
**Presence of pests and diseases:**  
Black leaf streak: 0  
Cordana: 2  
Freckle: 0  
Black cross: 2  
Speckle: 0
**Accession descriptors**

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<th>ITC.0894</th>
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<tr>
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<td><strong>Eumusa</strong></td>
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<tr>
<td>Section:</td>
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<tr>
<td>Species/Group:</td>
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<tr>
<td>Status of the plant:</td>
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**Collecting descriptors**

| Collecting number: | PNG288 |
| Collecting date:   | 04/06-09/07/89 |
| Province:          | Gulf Province |
| Nearest town:      | Kerema |
| Place of collection: | Murua |

**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 14 - 15 |
| Ratoon crop cycle (cycle 2) (mth): | 10 - 11 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 10 - 15 |
| Number of hands - cycle 1: | 6 - 7 |
| - cycle 2: | 6 - 7 |
| Number of fruits - cycle 1: | 5 - 10 |
| - cycle 2: | 10 - 15 |
| Fruit length - cycle 1 (cm): | 15 - 20 |
| - cycle 2 (cm): | 20 - 25 |
| Susceptibility to yellow Sigatoka: | high |

**Observation at collecting site**

**Use of the fruit:** Cooking

<table>
<thead>
<tr>
<th>Presence of pests and diseases:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black leaf streak:</td>
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<td>Cordana:</td>
</tr>
<tr>
<td>Freckle:</td>
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<tr>
<td>Black cross:</td>
</tr>
<tr>
<td>Speckle:</td>
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**Collectors notes:**

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<tr>
<td>Black leaf streak:</td>
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<td>Freckle:</td>
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**Accession descriptors**

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**Collecting descriptors**

| Collecting number: | PNG289 |
| Collecting date:   | 04/06-09/07/89 |
| Province:          | Gulf Province |
| Nearest town:      | Kerema |
| Place of collection: | Murua |

**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 14 - 15 |
| Ratoon crop cycle (cycle 2) (mth): | 10 - 11 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 10 - 15 |
| Number of hands - cycle 1: | 6 - 7 |
| - cycle 2: | 6 - 7 |
| Number of fruits - cycle 1: | 5 - 10 |
| - cycle 2: | 10 - 15 |
| Fruit length - cycle 1 (cm): | 15 - 20 |
| - cycle 2 (cm): | 20 - 25 |
| Susceptibility to yellow Sigatoka: | low |

**Observation at collecting site**

**Use of the fruit:** Cooking

<table>
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<tr>
<th>Presence of pests and diseases:</th>
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<tbody>
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<td>Black leaf streak:</td>
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<td>Freckle:</td>
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<td>Black cross:</td>
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<td>Speckle:</td>
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**Collectors notes:**

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<td>Black leaf streak:</td>
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<tr>
<td>Black cross:</td>
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M. acuminata ssp. banksii

Accession descriptors

ITC accession number: ITC.0896
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: acuminata
Subspecies/Subgroup: banksii
Status of the plant: wild

Collecting descriptors

Collecting number: PNG291
Collecting date: 04/06-09/07/89
Province: Manus Island
Nearest town: Laurengau
Place of collection:

Plant crop cycle (cycle 1) (mth): 13 - 14
Ratoon crop cycle (cycle 2) (mth): 3 - 4
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 300 - 350
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 0 - 5
Number of hands - cycle 1: 9 - 10
- cycle 2: 10 - 11
Number of fruits - cycle 1: 10 - 15
- cycle 2: 10 - 15
Fruit length - cycle 1 (cm): 10 - 15
- cycle 2 (cm): 10 - 15
Susceptibility to yellow Sigatoka: low

Observation at collecting site

Use of the fruit: Wild
Collectors notes: Male bud purple; large fruit
Presence of pests and diseases:
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

M. acuminata ssp. banksii

Accession descriptors

ITC accession number: ITC.0897
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: acuminata
Subspecies/Subgroup: banksii
Status of the plant: wild

Collecting descriptors

Collecting number: PNG292
Collecting date: 04/06-09/07/89
Province: Manus Island
Nearest town: Laurengau
Place of collection:

Plant crop cycle (cycle 1) (mth): 14 - 15
Ratoon crop cycle (cycle 2) (mth): 3 - 4
Pseudostem height - cycle 1 (cm): 250 - 300
- cycle 2 (cm): 250 - 300
Bunch weight - cycle 1 (kg): 0 - 5
- cycle 2 (kg): 0 - 5
Number of hands - cycle 1: 11 - 12
- cycle 2: 10 - 11
Number of fruits - cycle 1: 10 - 15
- cycle 2: 10 - 15
Fruit length - cycle 1 (cm): 10 - 15
- cycle 2 (cm): 10 - 15
Susceptibility to yellow Sigatoka: intermediate

Observation at collecting site

Use of the fruit: Wild
Collectors notes:
- Male bud purple; large fruit
Presence of pests and diseases:
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Menei**

Accession descriptors

- **ITC accession number:** ITC.1021
- **Synonyms:**
- **Genus:** Musa
- **Section:** Australimusa
- **Species/Group:** Fe'i
- **Subspecies/Subgroup:** landrace

Collecting descriptors

- **Collecting number:** PNG293
- **Collecting date:** 04/06-09/07/89
- **Province:** Manus Island
- **Nearest town:** Laurengau

Observation at collecting site

- **Use of the fruit:** Dessert
- **Collectors notes:** Erect bunch; no male axis

- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

**Plant crop cycle**

- (cycle 1) (mth): 27 - 28

**Ratoon crop cycle**

- (cycle 2) (mth): 3 - 4

**Pseudostem height**

- (cycle 1) (cm): 450 - 500
- (cycle 2) (cm): 450 - 500

**Bunch weight**

- (cycle 1) (kg): 5 - 10
- (cycle 2) (kg): 5 - 10

**Number of hands**

- (cycle 1): 7 - 8
- (cycle 2): 8 - 9

**Number of fruits**

- (cycle 1): 20 - 25
- (cycle 2): 20 - 25

**Fruit length**

- (cycle 1) (cm): 7 - 8
- (cycle 2) (cm): 8 - 9

**Susceptibility to yellow Sigatoka:** very low or no visible sign

---

**Sar**

Accession descriptors

- **ITC accession number:** ITC.0898
- **Synonyms:**
- **Genus:** Musa
- **Section:** Australimusa
- **Species/Group:** Fe'i
- **Subspecies/Subgroup:** landrace

Collecting descriptors

- **Collecting number:** PNG294
- **Collecting date:** 04/06-09/07/89
- **Province:** Manus Island
- **Nearest town:** Laurengau

Observation at collecting site

- **Use of the fruit:** Dessert
- **Collectors notes:** Erect bunch; no male axis

- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

**Plant crop cycle**

- (cycle 1) (mth): 27 - 28

**Ratoon crop cycle**

- (cycle 2) (mth): 3 - 4

**Pseudostem height**

- (cycle 1) (cm): 700 - 750
- (cycle 2) (cm): 700 - 750

**Bunch weight**

- (cycle 1) (kg): 25 - 30
- (cycle 2) (kg): 25 - 30

**Number of hands**

- (cycle 1): 18 - 19
- (cycle 2): 18 - 19

**Number of fruits**

- (cycle 1): 10 - 15
- (cycle 2): 10 - 15

**Fruit length**

- (cycle 1) (cm): 10 - 15
- (cycle 2) (cm): 10 - 15

**Susceptibility to yellow Sigatoka:** very low or no visible sign
## Accession descriptors

**ITC accession number:** ITC.0899  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

### Collecting descriptors

**Collecting number:** PNG296  
**Collecting date:** 04/06-09/07/89  
**Province:** Manus Island  
**Nearest town:** Laurengau  
**Place of collection:**  

**Plant crop cycle** (cycle 1) (mth): 10 - 11  
**Ratoon crop cycle** (cycle 2) (mth): 6 - 7  
**Pseudostem height** - cycle 1 (cm): 250 - 300  
- cycle 2 (cm): 300 - 350  
**Bunch weight** - cycle 1 (kg): 5 - 10  
- cycle 2 (kg): 5 - 10  
**Number of hands** - cycle 1: 4 - 5  
- cycle 2: 4 - 5  
**Number of fruits** - cycle 1: 5 - 10  
- cycle 2: 5 - 10  
**Fruit length** - cycle 1 (cm): 25 - 30  
- cycle 2 (cm): 30 - 35  
**Susceptibility to yellow Sigatoka:** low  

### Observation at collecting site

**Use of the fruit:** Cooking  
**Collectors notes:**  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0

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## Accession descriptors

**ITC accession number:** ITC.1245  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

### Collecting descriptors

**Collecting number:** PNG297  
**Collecting date:** 04/06-09/07/89  
**Province:** New Ireland  
**Nearest town:** Kavieng  
**Place of collection:**  

**Plant crop cycle** (cycle 1) (mth): 11 - 12  
**Ratoon crop cycle** (cycle 2) (mth): 7 - 8  
**Pseudostem height** - cycle 1 (cm): 200 - 250  
- cycle 2 (cm): 300 - 350  
**Bunch weight** - cycle 1 (kg): 0 - 5  
- cycle 2 (kg): 0 - 5  
**Number of hands** - cycle 1: 4 - 5  
- cycle 2: 6 - 7  
**Number of fruits** - cycle 1: 5 - 10  
- cycle 2: 5 - 10  
**Fruit length** - cycle 1 (cm): 25 - 30  
- cycle 2 (cm): 30 - 35  
**Susceptibility to yellow Sigatoka:** intermediate  

### Observation at collecting site

**Use of the fruit:** Cooking  
**Collectors notes:**  
**Presence of pests and diseases:**  
- Black leaf streak: 2  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0
**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0902

**Synonyms:**

- Genus: Musa
- Section: Eumusa
- Species/Group: AA
- Subspecies/Subgroup: landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG299

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:**

**Plant crop cycle**
- (cycle 1) (mth): 10 - 11
- (cycle 2) (mth): 8 - 9

**Ratoon crop cycle**
- (cycle 1) (mth): 250 - 300
- (cycle 2) (mth): 300 - 350

**Pseudostem height**
- (cycle 1) (cm): 5 - 10
- (cycle 2) (cm): 10 - 15

**Bunch weight**
- (cycle 1) (kg): 5 - 6
- (cycle 2) (kg): 5 - 6

**Number of hands**
- (cycle 1): 5 - 6
- (cycle 2): 6 - 7

**Number of fruits**
- (cycle 1): 10 - 15
- (cycle 2): 6 - 7

**Fruit length**
- (cycle 1) (cm): 30 - 35
- (cycle 2) (cm): 30 - 35

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0903

**Synonyms:**

- Genus: Musa
- Section: Eumusa
- Species/Group: AA
- Subspecies/Subgroup: landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG300

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:**

**Plant crop cycle**
- (cycle 1) (mth): 10 - 11
- (cycle 2) (mth): 11 - 12

**Ratoon crop cycle**
- (cycle 1) (mth): 250 - 300
- (cycle 2) (mth): 300 - 350

**Pseudostem height**
- (cycle 1) (cm): 5 - 10
- (cycle 2) (cm): 10 - 15

**Bunch weight**
- (cycle 1) (kg): 6 - 7
- (cycle 2) (kg): 7 - 8

**Number of hands**
- (cycle 1): 10 - 15
- (cycle 2): 6 - 7

**Number of fruits**
- (cycle 1): 20 - 25
- (cycle 2): 25 - 30

**Fruit length**
- (cycle 1) (cm): 20 - 25
- (cycle 2) (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** intermediate

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 1
- Cordana: 0
- Freckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:**

**Section:**

**Species/Group:**

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:**

**Collecting date:**

**Province:**

**Nearest town:**

**Place of collection:**

**Plant crop cycle** (cycle 1) (mth):

**Ratoon crop cycle** (cycle 2) (mth):

**Pseudostem height** - cycle 1 (cm):

- cycle 2 (cm):

**Bunch weight** - cycle 1 (kg):

- cycle 2 (kg):

**Number of hands** - cycle 1:

- cycle 2:

**Number of fruits** - cycle 1:

- cycle 2:

**Fruit length** - cycle 1 (cm):

- cycle 2 (cm):

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**

Black leaf streak: 1  Cordana: 0  Freckle: 0
Black cross: 0  Speckle: 0
**Musa**

### Accession descriptors

**ITC accession number:** ITC.0906

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG304

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:**

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Very erect leaves; tall plant

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0

**Panteringan**

**PNG304**

- **Plant crop cycle (cycle 1) (mth):** 9 - 10
- **Ratoon crop cycle (cycle 2) (mth):** 6 - 7
- **Pseudostem height - cycle 1 (cm):** 300 - 350
  - cycle 2 (cm): 350 - 400
- **Bunch weight - cycle 1 (kg):** 5 - 10
  - cycle 2 (kg): 10 - 15
- **Number of hands - cycle 1:** 4 - 5
  - cycle 2: 5 - 6
- **Number of fruits - cycle 1:** 4 - 5
  - cycle 2: 5 - 6
- **Fruit length - cycle 1 (cm):** 20 - 25
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** low

---

**Sira**

**PNG305**

**ITC accession number:** ITC.0907

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AA

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG305

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:**

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male flower cream

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0

**Observation at collecting site**

**Use of the fruit:**

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0
**Suruh**

**Accession descriptors**

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**Collecting descriptors**

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<td>Kavieng</td>
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**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 10 - 11 |
| Ratoon crop cycle (cycle 2) (mth): | 7 - 8 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 250 - 300 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 5 - 10 |
| Number of hands - cycle 1: | 5 - 6 |
| - cycle 2: | 5 - 6 |
| Number of fruits - cycle 1: | 5 - 6 |
| - cycle 2: | 5 - 6 |
| Fruit length - cycle 1 (cm): | 30 - 35 |
| - cycle 2 (cm): | 30 - 35 |
| Susceptibility to yellow Sigatoka: | low |

**Observation at collecting site**

Use of the fruit: Dessert
Collectors notes:

Presence of pests and diseases:
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

**Kupulik**

**Accession descriptors**

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**Collecting descriptors**

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<tr>
<td>Nearest town:</td>
<td>Kavieng</td>
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**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 11 - 12 |
| Ratoon crop cycle (cycle 2) (mth): | 6 - 7 |
| Pseudostem height - cycle 1 (cm): | 300 - 350 |
| - cycle 2 (cm): | 400 - 450 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 5 - 10 |
| Number of hands - cycle 1: | 2 - 3 |
| - cycle 2: | 1 - 2 |
| Number of fruits - cycle 1: | 2 - 3 |
| - cycle 2: | 2 - 3 |
| Fruit length - cycle 1 (cm): | 25 - 30 |
| - cycle 2 (cm): | 35 - 40 |
| Susceptibility to yellow Sigatoka: | low |

**Observation at collecting site**

Use of the fruit: Cooking
Collectors notes:

Presence of pests and diseases:
- Black leaf streak: 1
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0910

**Synonyms:**

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAA
- **Subspecies/Subgroup:** landrace

**Accession descriptors**

**ITC accession number:** ITC.0910

**Synonyms:**

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

**Collecting number:** PNG308

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:**

- **Plant crop cycle (cycle 1) (mth):** 14 - 15
- **Ratoon crop cycle (cycle 2) (mth):** 10 - 11
- **Pseudostem height (cycle 1 (cm):** 250 - 300
  - cycle 2 (cm):** 350 - 400
- **Bunch weight (cycle 1 (kg):** 10 - 15
  - cycle 2 (kg):** 20 - 25
- **Number of hands (cycle 1):** 7 - 8
  - cycle 2:** 6 - 7
- **Number of fruits (cycle 1):** 20 - 25
  - cycle 2:** 25 - 30
- **Fruit length (cycle 1 (cm):** 20 - 25
  - cycle 2:** 25 - 30
- **Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Tall, robust; = Marau (PNG 025)

**Presence of pests and diseases:**
- **Black leaf streak:** 2
- **Cordana:** 0
- **Freckle:** 0
- **Black cross:** 0
- **Speckle:** 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**Accession descriptors**

**Musa**

**ITC accession number:** ITC.0911

**Synonyms:**

- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

**Collecting number:** PNG309

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:** Namasalang

**Plant crop cycle (cycle 1) (mth):** 8 - 9

**Ratoon crop cycle (cycle 2) (mth):** 8 - 9

**Pseudostem height (cycle 1 (cm):** 250 - 300
  - cycle 2 (cm):** 300 - 350
- **Bunch weight (cycle 1 (kg):** 5 - 10
  - cycle 2 (kg):** 15 - 20
- **Number of hands (cycle 1):** 4 - 5
  - cycle 2:** 6 - 7
- **Number of fruits (cycle 1):** 5 - 10
  - cycle 2:** 15 - 20
- **Fruit length (cycle 1 (cm):** 20 - 25
  - cycle 2:** 20 - 25
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Poor suckering

**Presence of pests and diseases:**
- **Black leaf streak:** 2
- **Cordana:** 0
- **Freckle:** 0
- **Black cross:** 0
- **Speckle:** 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Accession descriptors**

**Musa**

**Kofi**

**PNG310**

*ITC accession number:* ITC.0912

**Synonyms:**

Genus: Musa

Section: Eumusa

Species/Group: AAB

Subspecies/Subgroup: Iholena

Status of the plant: landrace

**Collecting descriptors**

**Collecting number:** PNG310

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:** Namasalang

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Short but very robust; good suckering; flower cream with orange tip; strong flesh

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 2
- Speckle: 0

**Utafan**

**PNG311**

*ITC accession number:* ITC.0913

**Synonyms:**

Genus: Musa

Section: Eumusa

Species/Group: Fe'i

Subspecies/Subgroup: landrace

**Collecting descriptors**

**Collecting number:** PNG311

**Collecting date:** 04/06-09/07/89

**Province:** New Ireland

**Nearest town:** Kavieng

**Place of collection:** Namasalang

**Evaluation site:** South Johnstone, QDPI, AUS

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Strong flesh

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 2
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Musa**

**Musa**

---

**Accession descriptors**

**ITC accession number:**

**Synonyms:**

**Genus:**

**Section:**

**Species/Group:**

**Subspecies/Subgroup:**

**Status of the plant:**

---

**Collecting descriptors**

**Collecting number:**

**Collecting date:**

**Province:**

**Nearest town:**

**Place of collection:**

---

**Plant crop cycle** (cycle 1 (mth)): 

**Ratoon crop cycle** (cycle 2 (mth)): 

**Pseudostem height** - cycle 1 (cm): 

- cycle 2 (cm): 

**Bunch weight** - cycle 1 (kg): 

- cycle 2 (kg): 

**Number of hands** - cycle 1: 

- cycle 2: 

**Number of fruits** - cycle 1: 

- cycle 2: 

**Fruit length** - cycle 1 (cm): 

- cycle 2 (cm): 

**Susceptibility to yellow Sigatoka:** very low or no visible sign

---

**Observation at Collecting Site**

**Use of the fruit:** Wild

**Collectors notes:** Male bud eaten

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0
Mayalopa

Evaluation site: South Johnstone, QDPI, AUS

Accession descriptors

ITC accession number: ITC.0918
Synonyms: 
Genus: Musa
Section: Eumusa x Australimusa
Species/Group: AAT
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG317
Collecting date: 04/06-09/07/89
Province: Milne Bay
Nearest town: Alotau
Place of collection: Naura

Evaluation

Plant crop cycle (cycle 1) (mth): 25 - 26
Ratoon crop cycle (cycle 2) (mth): 25 - 26
Pseudostem height - cycle 1 (cm): 400 - 450
- cycle 2 (cm): 10 - 15
Bunch weight - cycle 1 (kg): 7 - 8
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 11 - 12
- cycle 2: 11 - 12
Number of fruits - cycle 1: 200 - 250
- cycle 2: 200 - 250
Fruit length - cycle 1 (cm): 15 - 20
- cycle 2 (cm): 20 - 25
Susceptibility to yellow Sigatoka: low

Observation at collecting site

Use of the fruit: Cooking
Collectors notes: = Sar (PNG186)?

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 0
Freckle: 2
Black cross: 0
Speckle: 0

Ivi-Ivi

Evaluation site: South Johnstone, QDPI, AUS

Accession descriptors

ITC accession number: ITC.0919
Synonyms: 
Genus: Musa
Section: Eumusa
Species/Group: AA
Subspecies/Subgroup: landrace
Status of the plant: 

Collecting descriptors

Collecting number: PNG318
Collecting date: 04/06-09/07/89
Province: Milne Bay
Nearest town: Alotau
Place of collection: Naura

Evaluation

Plant crop cycle (cycle 1) (mth): 11 - 12
Ratoon crop cycle (cycle 2) (mth): 11 - 12
Pseudostem height - cycle 1 (cm): 200 - 250
- cycle 2 (cm): 200 - 250
Bunch weight - cycle 1 (kg): 5 - 10
- cycle 2 (kg): 5 - 10
Number of hands - cycle 1: 4 - 5
- cycle 2: 4 - 5
Number of fruits - cycle 1: 5 - 10
- cycle 2: 5 - 10
Fruit length - cycle 1 (cm): 15 - 20
- cycle 2 (cm): 20 - 25
Susceptibility to yellow Sigatoka: low

Observation at collecting site

Use of the fruit: Cooking
Collectors notes:

Presence of pests and diseases:
Black leaf streak: 0
Cordana: 2
Freckle: 0
Black cross: 2
Speckle: 0
## Accession descriptors

**ITC accession number:** ITC.1023  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace

### Collecting descriptors

**Collecting number:** PNG319  
**Collecting date:** 04/06-09/07/89  
**Province:** Milne Bay  
**Nearest town:** Alotau  
**Place of collection:** Naura

**Plant crop cycle (cycle 1) (mth):** 7 - 8  
**Ratoon crop cycle (cycle 2) (mth):** 9 - 10  
**Pseudostem height - cycle 1 (cm):** 200 - 250  
**- cycle 2 (cm):** 250 - 300  
**Bunch weight - cycle 1 (kg):** 0 - 5  
**- cycle 2 (kg):** 5 - 10  
**Number of hands - cycle 1:** 4 - 5  
**- cycle 2:** 5 - 6  
**Number of fruits - cycle 1:** 15 - 20  
**- cycle 2:** 20 - 25

**Susceptibility to yellow Sigatoka:** low

### Observation at collecting site

**Use of the fruit:** Cooking  
**Collectors notes:** Small, slender; similar to Ivi-ivi  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 2  
- Freckle: 0  
- Black cross: 2  
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

## Observation AT COLLECTING SITE

**Use of the fruit:** Wild  
**Collectors notes:** Fruit poorly filled; possibly not splitting open when mature?  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

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**Accession descriptors**

**ITC accession number:** ITC.1024  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** schizocarpa  
**Subspecies/Subgroup:** wild

### Collecting descriptors

**Collecting number:** PNG320  
**Collecting date:** 04/06-09/07/89  
**Province:** Milne Bay  
**Nearest town:** Alotau  
**Place of collection:** Naura

**Plant crop cycle (cycle 1) (mth):** 19 - 20  
**Ratoon crop cycle (cycle 2) (mth):** 450 - 500  
**Pseudostem height - cycle 1 (cm):** 5 - 10  
**- cycle 2 (kg):** 17 - 18  
**Number of hands - cycle 1:** 10 - 15  
**- cycle 2:** 10 - 15

**Susceptibility to yellow Sigatoka:** low

### Observation at collecting site

**Use of the fruit:** Wild  
**Collectors notes:** Fruit poorly filled; possibly not splitting open when mature?  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Dimaemamosi**

**Accession descriptors**

- **ITC accession number:** ITC.0920
- **Synonyms:**
  - **Genus:** Musa
  - **Section:** Eumusa
  - **Species/Group:** AA
  - **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG321
- **Collecting date:** 04/06-07/09/89
- **Province:** Milne Bay
- **Nearest town:** Alotau
- **Place of collection:** Wiole

**Evaluation**

- **Plant crop cycle (cycle 1) (mth):** 11 - 12
- **Ratoon crop cycle (cycle 2) (mth):**
  - **Pseudostem height - cycle 1 (cm):** 300 - 350
  - **Bunch weight - cycle 1 (kg):** 0 - 5
  - **Number of hands - cycle 1:** 5 - 6
  - **Number of fruits - cycle 1:**
    - **Fruit length - cycle 1 (cm):** 10 - 15
  - **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:**
  - **Presence of pests and diseases:**
    - Black leaf streak: 0
    - Cordana: 0
    - Freckle: 0
  - Black cross: 0
  - Speckle: 0

---

**Geagea**

**Accession descriptors**

- **ITC accession number:** ITC.0921
- **Synonyms:**
  - **Genus:** Musa
  - **Section:** Eumusa
  - **Species/Group:** AAB
  - **Subspecies/Subgroup:** Laknau
  - **Status of the plant:** landrace

**Collecting descriptors**

- **Collecting number:** PNG322
- **Collecting date:** 04/06-07/09/89
- **Province:** Milne Bay
- **Nearest town:** Alotau
- **Place of collection:** Wiole

**Evaluation**

- **Plant crop cycle (cycle 1) (mth):** 12 - 13
- **Ratoon crop cycle (cycle 2) (mth):** 9 - 10
- **Pseudostem height - cycle 1 (cm):** 300 - 350
  - **Bunch weight - cycle 2 (kg):** 350 - 400
- **Number of hands - cycle 1:** 15 - 20
  - **Number of fruits - cycle 1:**
    - **Fruit length - cycle 1 (cm):** 25 - 30
  - **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:**
  - **Presence of pests and diseases:**
    - Black leaf streak: 2
    - Cordana: 0
    - Freckle: 0
  - Black cross: 0
  - Speckle: 0
  - Colour not fading inside bracts
### Accession descriptors

**ITC accession number:** ITC.0922  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AAB  
**Subspecies/Subgroup:** Plantain landrace  

**Collecting descriptors**

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<td>Place of collection</td>
<td>Waema</td>
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| Plant crop cycle (cycle 1) (mth): | 10 - 11 |
| Ratoon crop cycle (cycle 2) (mth): | 6 - 7 |
| Pseudostem height - cycle 1 (cm): | 350 - 400 |
| - cycle 2 (cm): | 350 - 400 |
| Bunch weight - cycle 1 (kg): | 0 - 5 |
| - cycle 2 (kg): | 5 - 10 |
| Number of hands - cycle 1: | 2 - 3 |
| - cycle 2: | 2 - 3 |
| Number of fruits - cycle 1: | 2 - 3 |
| - cycle 2: | 2 - 3 |
| Fruit length - cycle 1 (cm): | 15 - 20 |
| - cycle 2 (cm): | 20 - 25 |

**Susceptibility to yellow Sigatoka:** low

### Evaluation at collecting site

**Use of the fruit:** Cooking  
**Collectors notes:** Horn plantain

**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0

---

### Accession descriptors

**ITC accession number:** ITC.1025  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AAB  
**Subspecies/Subgroup:** Plantain landrace  

**Collecting descriptors**

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| Plant crop cycle (cycle 1) (mth): | 13 - 14 |
| Ratoon crop cycle (cycle 2) (mth): | 12 - 13 |
| Pseudostem height - cycle 1 (cm): | 350 - 400 |
| - cycle 2 (cm): | 400 - 450 |
| Bunch weight - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): | 15 - 20 |
| Number of hands - cycle 1: | 1 - 2 |
| - cycle 2: | 2 - 3 |
| Number of fruits - cycle 1: | 0 - 1 |
| - cycle 2: | 1 - 2 |
| Fruit length - cycle 1 (cm): | 40 - 45 |
| - cycle 2 (cm): | 35 - 40 |

**Susceptibility to yellow Sigatoka:** low

### Observation at collecting site

**Use of the fruit:** Cooking  
**Collectors notes:** Horn Plantain

**Presence of pests and diseases:**  
- Black leaf streak: 2  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0
**Accession descriptors**

**Passport**

**Accession number:** ITC.0924

**Synonyms:** Musa

**Genus:** Eumusa

**Section:** ABB

**Species/Group:** landrace

**Subspecies/Subgroup:**

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG326

**Collecting date:** 04/06-09/07/89

**Province:** Milne Bay

**Nearest town:** Alotau

**Place of collection:** Maiwara

**Evaluation**

**Plant crop cycle** (cycle 1) (mth): 13 - 14

**Ratoon crop cycle** (cycle 2) (mth): 13 - 14

**Pseudostem height** - cycle 1 (cm): 350 - 400

- cycle 2 (cm): 450 - 500

**Bunch weight** - cycle 1 (kg): 15 - 20

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 5 - 7

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Fruit length** - cycle 1 (cm): 25 - 30

- cycle 2 (cm): 30 - 35

**Susceptibility to yellow Sigatoka:**

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Tall, robust; Kalapua-type introduced from Samoa

**Presence of pests and diseases:**

- Black leaf streak: 0
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0

---

**Accession descriptors**

**Passport**

**Accession number:** ITC.0925

**Synonyms:** Laknau, PNG322

**Genus:** Eumusa

**Section:** AAB

**Species/Group:** Laknau

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG328

**Collecting date:** 04/06-09/07/89

**Province:** Milne Bay

**Nearest town:** Normanby Island

**Place of collection:** Esa’ala

**Evaluation**

**Plant crop cycle** (cycle 1) (mth): 12 - 13

**Ratoon crop cycle** (cycle 2) (mth): 9 - 10

**Pseudostem height** - cycle 1 (cm): 300 - 350

- cycle 2 (cm): 400 - 450

**Bunch weight** - cycle 1 (kg): 15 - 20

- cycle 2 (kg): 20 - 25

**Number of hands** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 5 - 6

- cycle 2: 6 - 7

**Fruit length** - cycle 1 (cm): 25 - 30

- cycle 2 (cm): 25 - 30

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:** Male bud purple/yellow; = Laknau?

**Presence of pests and diseases:**

- Black leaf streak: 1
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0
**Kabulupusa**  
**PNG32**  

**Accession descriptors**

**ITC accession number:** ITC.0928  
**Synonyms:** PNG229; 317  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AAT  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

**Collecting descriptors**

**Collecting number:** PNG332  
**Collecting date:** 04/06-09/07/89  
**Province:** Milne Bay  
**Nearest town:** Normanby Island  
**Place of collection:** Mwagoluya  

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 12 - 13  
- **Ratoon crop cycle** (cycle 2) (mth): 11 - 12  
- **Pseudostem height** - cycle 1 (cm): 350 - 400  
  - cycle 2 (cm): 450 - 500  
- **Bunch weight** - cycle 1 (kg): 10 - 15  
  - cycle 2 (kg): 20 - 25  
- **Number of hands** - cycle 1: 7 - 8  
  - cycle 2: 9 - 10  
- **Number of fruits** - cycle 1: 7 - 8  
  - cycle 2: 9 - 10  
- **Fruit length** - cycle 1 (cm): 15 - 20  
  - cycle 2 (cm): 15 - 20  

**Susceptibility to yellow Sigatoka:** very low or no visible sign  

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:**  

**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0  

---

**Loibwa**  
**PNG333**  

**Accession descriptors**

**ITC accession number:** ITC.0929  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Subspecies/Subgroup:** landrace  
**Status of the plant:**  

**Collecting descriptors**

**Collecting number:** PNG333  
**Collecting date:** 04/06-09/07/89  
**Province:** Milne Bay  
**Nearest town:** Normanby Island  
**Place of collection:** Mwagoluya  

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 11 - 12  
- **Ratoon crop cycle** (cycle 2) (mth): 8 - 9  
- **Pseudostem height** - cycle 1 (cm): 250 - 300  
  - cycle 2 (cm): 350 - 400  
- **Bunch weight** - cycle 1 (kg): 5 - 10  
  - cycle 2 (kg): 5 - 10  
- **Number of hands** - cycle 1: 5 - 6  
  - cycle 2: 5 - 6  
- **Number of fruits** - cycle 1: 5 - 6  
  - cycle 2: 5 - 6  
- **Fruit length** - cycle 1 (cm): 15 - 20  
  - cycle 2 (cm): 20 - 25  

**Susceptibility to yellow Sigatoka:** low  

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:**  

**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0  
- Black cross: 0  
- Speckle: 0
### Udiwasi

**Accession descriptors**

- **ITC accession number:** ITC.0930
- **Synonyms:**
  - **Genus:** *Musa*
  - **Section:** Eumusa
  - **Species/Group:** AA
  - **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG334
- **Collecting date:** 04/06-09/07/89
- **Province:** Milne Bay
- **Nearest town:** Normanby Island
- **Place of collection:** Mwagoluya

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 11 - 12
- **Ratoon crop cycle** (cycle 2) (mth): 7 - 8
- **Pseudostem height** - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 300 - 350
- **Bunch weight** - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 1 -
  - cycle 2: 1 -
- **Number of fruits** - cycle 1: –
  - cycle 2: –
- **Fruit length** - cycle 1 (cm): 10 - 15
  - cycle 2 (cm): 15 - 20
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

- **Use of the fruit:** Cooking and dessert
- **Collectors notes:** Bunch is one continuous spiral ; = (PNG010), (PNG113 )?
- **Presence of pests and diseases:**
  - Black leaf streak: 1
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

### Yalumia

**Accession descriptors**

- **ITC accession number:** ITC.1220
- **Synonyms:**
  - **Genus:** *Musa*
  - **Section:** Eumusa
  - **Species/Group:** AA
  - **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG336
- **Collecting date:** 04/06-09/07/89
- **Province:** Milne Bay
- **Nearest town:** Normanby Island
- **Place of collection:** Welewai

**Evaluation**

- **Plant crop cycle** (cycle 1) (mth): 10 - 11
- **Ratoon crop cycle** (cycle 2) (mth): 10 - 11
- **Pseudostem height** - cycle 1 (cm): 200 - 250
  - cycle 2 (cm): 300 - 350
- **Bunch weight** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 10 - 15
- **Number of hands** - cycle 1: 6 - 7
  - cycle 2: 7 - 8
- **Number of fruits** - cycle 1: –
  - cycle 2: –
- **Fruit length** - cycle 1 (cm): 20 - 25
  - cycle 2 (cm): 20 - 25
- **Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Orange flesh
- **Presence of pests and diseases:**
  - Black leaf streak: 2
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
**Accession descriptors**

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**Collecting descriptors**

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**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 10 - 11 |
| Ratoon crop cycle (cycle 2) (mth): | 9 - 10 |
| Pseudostem height - cycle 1 (cm): | 250 - 300 |
| - cycle 2 (cm): | 300 - 350 |
| Bunch weight - cycle 1 (kg): | 5 - 10 |
| - cycle 2 (kg): | 10 - 15 |
| Number of hands - cycle 1: | 4 - 5 |
| - cycle 2: | 5 - 6 |
| Number of fruits - cycle 1: | 10 - 15 |
| - cycle 2: | 10 - 20 |
| Fruit length - cycle 1 (cm): | 20 - 25 |
| - cycle 2 (cm): | 25 - 30 |
| Susceptibility to yellow Sigatoka: | low |

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

**Gilasalasa**

**Accession descriptors**

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<td>Collecting date:</td>
<td>04/06-09/07/89</td>
</tr>
<tr>
<td>Province:</td>
<td>Milne Bay</td>
</tr>
<tr>
<td>Nearest town:</td>
<td>Fergusson Island</td>
</tr>
<tr>
<td>Place of collection:</td>
<td>Begasi</td>
</tr>
</tbody>
</table>

**Evaluation**

| Plant crop cycle (cycle 1) (mth): | 12 - 13 |
| Ratoon crop cycle (cycle 2) (mth): | 13 - 14 |
| Pseudostem height - cycle 1 (cm): | 300 - 350 |
| - cycle 2 (cm): | 300 - 350 |
| Bunch weight - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): | 10 - 15 |
| Number of hands - cycle 1: | 6 - 7 |
| - cycle 2: | 5 - 6 |
| Number of fruits - cycle 1: | 5 - 6 |
| - cycle 2: | 5 - 6 |
| Fruit length - cycle 1 (cm): | 30 - 35 |
| - cycle 2 (cm): | 25 - 30 |
| Susceptibility to yellow Sigatoka: | intermediate |

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**
- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

**Black cross:** 0
**Speckle:** 0
**M. maclayi ssp. maclayi**

Accession descriptors

- **ITC accession number:** ITC.0933
- **Synonyms:**
  - Genus: *Musa*
  - Section: Australimusa
  - Species/Group: *maclayi*
  - Subspecies/Subgroup: *maclayi*
- **Status of the plant:** wild

Collecting descriptors

- **Collecting number:** PNG339
- **Collecting date:** 04/06-07/89
- **Province:** Milne Bay
- **Nearest town:** Fergusson Island
- **Place of collection:** Sebutuia bay

EVALUATION

- **Plant crop cycle** (cycle 1) (mth): 26 - 27
- **Ratoon crop cycle** (cycle 2) (mth): 3 - 4
- **Pseudostem height** - cycle 1 (cm): 400 - 450
  - cycle 2 (cm): 450 - 500
- **Bunch weight** - cycle 1 (kg): 0 - 5
  - cycle 2 (kg): 0 - 5
- **Number of hands** - cycle 1: 10 - 11
  - cycle 2: 13 - 14
- **Number of fruits** - cycle 1: -
  - cycle 2: -
- **Fruit length** - cycle 1 (cm): 5 - 10
  - cycle 2 (cm): 5 - 10
- **Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at Collecting Site**

- **Use of the fruit:** Wild
- **Collectors notes:** var. namatani?
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

--

**M. maclayi ssp. ailuluai**

Accession descriptors

- **ITC accession number:** ITC.0934
- **Synonyms:**
  - Genus: *Musa*
  - Section: Australimusa
  - Species/Group: *maclayi*
  - Subspecies/Subgroup: *ailuluai*
- **Status of the plant:** wild

Collecting descriptors

- **Collecting number:** PNG340
- **Collecting date:** 04/06-07/89
- **Province:** Milne Bay
- **Nearest town:** Fergusson Island
- **Place of collection:** Sebutuia bay

EVALUATION

- **Plant crop cycle** (cycle 1) (mth): 26 - 27
- **Ratoon crop cycle** (cycle 2) (mth): 3 - 4
- **Pseudostem height** - cycle 1 (cm): 450 - 500
  - cycle 2 (cm): 450 - 500
- **Bunch weight** - cycle 1 (kg): 5 - 10
  - cycle 2 (kg): 5 - 10
- **Number of hands** - cycle 1: 19 - 20
  - cycle 2: 12 - 13
- **Number of fruits** - cycle 1: -
  - cycle 2: -
- **Fruit length** - cycle 1 (cm): 5 - 10
  - cycle 2 (cm): 5 - 10
- **Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at Collecting Site**

- **Use of the fruit:** Wild
- **Collectors notes:**
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
**Accession descriptors**

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<td>Genus:</td>
<td>Eumusa</td>
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<td>Section:</td>
<td>acuminata</td>
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<td>Species/Group:</td>
<td>acuminata x schizocarpa</td>
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<td>Subspecies/Subgroup:</td>
<td>landrace</td>
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<td>Status of the plant:</td>
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**Collecting descriptors**

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<tr>
<td>Province:</td>
<td>West Sepik</td>
</tr>
<tr>
<td>Nearest town:</td>
<td>Vanimo</td>
</tr>
<tr>
<td>Place of collection:</td>
<td>Sosi</td>
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</table>

| Plant crop cycle (cycle 1) (mth): | 16 - 17 |
| Ratoon crop cycle (cycle 2) (mth): | 6 - 7 |
| Pseudostem height - cycle 1 (cm): | 300 - 350 |
| - cycle 2 (cm): | 500 - 550 |
| Bunch weight - cycle 1 (kg): | 0 - 5 |
| - cycle 2 (kg): | 0 - 5 |
| Number of hands - cycle 1: | 8 - 9 |
| - cycle 2: | 14 - 15 |
| Number of fruits - cycle 1: | 10 - 15 |
| - cycle 2: | 10 - 15 |
| Fruit length - cycle 1 (cm): | 5 - 10 |
| - cycle 2 (cm): | 10 - 15 |

**Susceptibility to yellow Sigatoka:** very low or no visible sign

**Observation at Collecting Site**

**Use of the fruit:** Wild
**Collectors notes:** Possible hybrid; = PNG053; male fertile and few seeds

**Presence of pests and diseases:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0

---

**Accession descriptors**

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**Collecting descriptors**

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<td>West Sepik</td>
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<td>Nearest town:</td>
<td>Kilipas</td>
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<td>Place of collection:</td>
<td>Vanimo</td>
</tr>
</tbody>
</table>

| Plant crop cycle (cycle 1) (mth): | 20 - 21 |
| Ratoon crop cycle (cycle 2) (mth): | 300 - 350 |
| Pseudostem height - cycle 1 (cm): | 500 - 550 |
| - cycle 2 (cm): | 100 - 120 |
| Bunch weight - cycle 1 (kg): | 10 - 15 |
| - cycle 2 (kg): | 10 - 15 |
| Number of hands - cycle 1: | 10 - 15 |
| - cycle 2: | 20 - 25 |
| Number of fruits - cycle 1: | 20 - 25 |
| - cycle 2: | 20 - 25 |
| Fruit length - cycle 1 (cm): | 5 - 10 |
| - cycle 2 (cm): | 5 - 10 |

**Susceptibility to yellow Sigatoka:** high

**Observation at Collecting Site**

**Use of the fruit:** Wild
**Collectors notes:**
- Black leaf streak: 0
- Cordana: 0
- Freckle: 0
- Black cross: 0
- Speckle: 0
**Accession descriptors**

**ITC accession number:** ITC.0937  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** acuminata  
**Status of the plant:** wild

**Collecting descriptors**

**Collecting number:** PNG344  
**Collecting date:** 04/06-09/07/89  
**Province:** West Sepik  
**Nearest town:** Vanimo  
**Place of collection:** Blackwater

**Plant crop cycle**  
- (cycle 1) (mth): 10 - 11  
- (cycle 2) (mth): 8 - 9  
**Ratoon crop cycle**  
- (cycle 1) (mth): 250 - 300  
- (cycle 2) (mth): 300 - 350  
**Pseudostem height**  
- (cycle 1) (cm): 18 - 19  
- (cycle 2) (cm): 10 - 15  
**Bunch weight**  
- (cycle 1) (kg): 5 - 10  
- (cycle 2) (kg): 5 - 10  
**Number of hands**  
- (cycle 1): 5 - 6  
- (cycle 2): 5 - 6  
**Number of fruits**  
- (cycle 1): 25 - 30  
- (cycle 2): 30 - 35  
**Fruit length**  
- (cycle 1) (cm): 25 - 30  
- (cycle 2) (cm): 30 - 35  
**Susceptibility to yellow Sigatoka:** high

**Observation at collecting site**

**Use of the fruit:** Wild  
**Collectors notes:** Male bud purple  
**Presence of pests and diseases:**  
- Black leaf streak: 0  
- Cordana: 0  
- Freckle: 0

---

**Accession descriptors**

**ITC accession number:** ITC.0938  
**Synonyms:**  
**Genus:** Musa  
**Section:** Eumusa  
**Species/Group:** AA  
**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG345  
**Collecting date:** 04/06-09/07/89  
**Province:** West Sepik  
**Nearest town:** Vanimo  
**Place of collection:** Blackwater

**Plant crop cycle**  
- (cycle 1) (mth): 10 - 11  
- (cycle 2) (mth): 8 - 9  
**Ratoon crop cycle**  
- (cycle 1) (mth): 250 - 300  
- (cycle 2) (mth): 300 - 350  
**Pseudostem height**  
- (cycle 1) (cm): 18 - 19  
- (cycle 2) (cm): 10 - 15  
**Bunch weight**  
- (cycle 1) (kg): 5 - 10  
- (cycle 2) (kg): 5 - 10  
**Number of hands**  
- (cycle 1): 5 - 6  
- (cycle 2): 5 - 6  
**Number of fruits**  
- (cycle 1): 25 - 30  
- (cycle 2): 30 - 35  
**Fruit length**  
- (cycle 1) (cm): 25 - 30  
- (cycle 2) (cm): 30 - 35  
**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking  
**Collectors notes:** = Meleh, (PNG166)?; similar to Maleb  
**Presence of pests and diseases:**  
- Black leaf streak: 2  
- Cordana: 2  
- Freckle: 0

---

**Evaluation site:** South Johnstone, QDPI, AUS
**Fu Des**

**Accession descriptors**

- **ITC accession number:** ITC.0939
- **Synonyms:** PNG179
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG346
- **Collecting date:** 04/06-09/07/89
- **Province:** West Sepik
- **Nearest town:** Vanimo
- **Place of collection:** Blackwater

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Male flower cream
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS

---

**Boung Fu**

**Accession descriptors**

- **ITC accession number:** ITC.0940
- **Synonyms:**
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAB
- **Subspecies/Subgroup:** landrace
- **Status of the plant:**

**Collecting descriptors**

- **Collecting number:** PNG347
- **Collecting date:** 04/06-09/07/89
- **Province:** West Sepik
- **Nearest town:** Vanimo
- **Place of collection:** Blackwater

**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Orange flesh; strong taste
- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

**Evaluation site:** South Johnstone, QDPI, AUS
**Accession descriptors**

**Musa**

**Musa**

**PNG348**

**PNG348**

**PNG348**

**PNG348**

**ITC accession number:** ITC.0941

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** AAB

**Subspecies/Subgroup:** landrace

**Status of the plant:**

**Collecting descriptors**

**Collecting number:** PNG348

**Collecting date:** 04/06-09/07/89

**Province:** West Sepik

**Nearest town:** Vanimo

**Place of collection:** Blackwater

**Plant crop cycle** (cycle 1) (mth): 7 - 8

**Ratoon crop cycle** (cycle 2) (mth): 7 - 8

**Pseudostem height** - cycle 1 (cm): 200 - 250

- cycle 2 (cm): 250 - 300

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 5 - 10

**Number of hands** - cycle 1: 6 - 7

- cycle 2: 6 - 7

**Number of fruits** - cycle 1: 5 - 10

- cycle 2: 5 - 10

**Fruit length** - cycle 1 (cm): 15 - 20

- cycle 2 (cm): 15 - 20

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Dessert

**Collectors notes:** Fruit round-tipped, 4 sided

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0

---

**Accession descriptors**

**PNG349**

**ITC accession number:** ITC.0942

**Synonyms:**

**Genus:** Musa

**Section:** Eumusa

**Species/Group:** A

**Subspecies/Subgroup:** AA

**Status of the plant:** landrace

**Collecting descriptors**

**Collecting number:** PNG349

**Collecting date:** 04/06-09/07/89

**Province:** West Sepik

**Nearest town:** Vanimo

**Place of collection:** Waramo

**Plant crop cycle** (cycle 1) (mth): 7 - 8

**Ratoon crop cycle** (cycle 2) (mth): 9 - 10

**Pseudostem height** - cycle 1 (cm): 200 - 250

- cycle 2 (cm): 250 - 300

**Bunch weight** - cycle 1 (kg): 5 - 10

- cycle 2 (kg): 10 - 15

**Number of hands** - cycle 1: 4 - 5

- cycle 2: 5 - 6

**Number of fruits** - cycle 1: 5 - 10

- cycle 2: 5 - 10

**Fruit length** - cycle 1 (cm): 20 - 25

- cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

**Presence of pests and diseases:**

- Black leaf streak: 2
- Cordana: 0
- Freckle: 0

- Black cross: 0
- Speckle: 0
Accession descriptors

**ITC accession number:** ITC.0943

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Subspecies/Subgroup:**
- PNG350
- PNG351

**Status of the plant:**
- PNG350
- PNG351

Collecting descriptors

**Collecting number:** PNG350

**Collecting date:** 04/06-09/07/89

**Province:** East Sepik

**Nearest town:** Maprik

**Place of collection:** Wasera

**Plant crop cycle** (cycle 1) (mth): 7 - 8

**Ratoon crop cycle** (cycle 2) (mth): 6 - 7

**Pseudostem height** (cycle 1 cm): 250 - 300
- (cycle 2 cm): 300 - 350

**Bunch weight** (cycle 1 kg): 5 - 10
- (cycle 2 kg): 10 - 15

**Number of hands**
- (cycle 1): 5 - 6
- (cycle 2): 8 - 9

**Number of fruits**
- (cycle 1):
  - (cycle 1): 15 - 20
  - (cycle 2): 15 - 20

**Fruit length**
- (cycle 1 cm):
  - (cycle 1): 15 - 20
  - (cycle 2): 15 - 20

**Susceptibility to yellow Sigatoka:**
- (cycle 1)
  - (cycle 1): low
  - (cycle 2): very low or no visible sign

**Evaluation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
- Presence of pests and diseases:
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

Accession descriptors

**ITC accession number:** ITC.0944

**Synonyms:**
- Musa

**Genus:** Eumusa

**Section:** AA

**Species/Group:** landrace

**Subspecies/Subgroup:**
- PNG350
- PNG351

**Status of the plant:**
- PNG350
- PNG351

Collecting descriptors

**Collecting number:** PNG351

**Collecting date:** 04/06-09/07/89

**Province:** West Sepik

**Nearest town:** Maprik

**Place of collection:** Wasera

**Plant crop cycle** (cycle 1) (mth): 8 - 9

**Ratoon crop cycle** (cycle 2) (mth): 5 - 6

**Pseudostem height** (cycle 1 cm): 300 - 350
- (cycle 2 cm): 350 - 400

**Bunch weight** (cycle 1 kg): 0 - 5
- (cycle 2 kg): 5 - 10

**Number of hands**
- (cycle 1): 5 - 6
- (cycle 2): 7 - 8

**Number of fruits**
- (cycle 1):
  - (cycle 1): 10 - 15
  - (cycle 2): 10 - 15

**Fruit length**
- (cycle 1 cm):
  - (cycle 1): 10 - 15
  - (cycle 2): 10 - 15

**Susceptibility to yellow Sigatoka:**
- (cycle 1)
  - (cycle 1): very low or no visible sign

**Evaluation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**
- Presence of pests and diseases:
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0
**Accession descriptors**

**Musa**

**PTPASSPORT**

ITC accession number: ITC.0945  
**P**  
Synonyms:  
**T**  
Genus: Musa  
**S**  
Section: Eumusa  
**A**  
Species/Group: AAB  
**A**  
Subspecies/Subgroup: Iholena  
**G**  
Status of the plant: landrace  
**S**

**Collecting descriptors**

Collecting number: PNG352  
Collecting date: 04/06-09/07/89  
Province: West Sepik  
Nearest town: Maprik  
Place of collection: Wasera

**Evaluation**

Plant crop cycle (cycle 1) (mth): 7 - 8  
Ratoon crop cycle (cycle 2) (mth): 7 - 8  
Pseudostem height - cycle 1 (cm): 250 - 300  
- cycle 2 (cm): 350 - 400  
Bunch weight - cycle 1 (kg): 10 - 15  
- cycle 2 (kg): 15 - 20  
Number of hands - cycle 1: 7 - 8  
- cycle 2: 8 - 9  
Number of fruits - cycle 1: 7 - 8  
- cycle 2: 8 - 9  
Fruit length - cycle 1 (cm): 15 - 20  
- cycle 2 (cm): 15 - 20  
Susceptibility to yellow Sigatoka: low

**Observation at collecting site**

**Use of the fruit:** Cooking  
Collectors notes: Male flower cream with orange tip  
Presence of pests and diseases:  
Black leaf streak: 2  
Cordana: 0  
Freckle: 0  
Black cross: 2  
Speckle: 0

---

**Merik**

**PNG353**

**Accession descriptors**

ITC accession number: ITC.0946  
**P**  
Synonyms:  
**T**  
Genus: Musa  
**S**  
Section: Eumusa  
**A**  
Species/Group: AAA  
**A**  
Subspecies/Subgroup: landrace  
**G**  
Status of the plant:  
**S**

**Collecting descriptors**

Collecting number: PNG353  
Collecting date: 04/06-09/07/89  
Province: West Sepik  
Nearest town: Maprik  
Place of collection: Wasera

**Evaluation**

Plant crop cycle (cycle 1) (mth): 11 - 12  
Ratoon crop cycle (cycle 2) (mth): 8 - 9  
Pseudostem height - cycle 1 (cm): 200 - 250  
- cycle 2 (cm): 300 - 350  
Bunch weight - cycle 1 (kg): 10 - 15  
- cycle 2 (kg): 25 - 30  
Number of hands - cycle 1: 6 - 7  
- cycle 2: 8 - 9  
Number of fruits - cycle 1: 7 - 8  
- cycle 2: 8 - 9  
Fruit length - cycle 1 (cm): 20 - 25  
- cycle 2 (cm): 20 - 25  
Susceptibility to yellow Sigatoka: low

**Observation at collecting site**

**Use of the fruit:** Cooking  
Collectors notes:  
Presence of pests and diseases:  
Black leaf streak: 2  
Cordana: 0  
Freckle: 0  
Black cross: 2  
Speckle: 0
Duningi

Accession descriptors

ITC accession number: ITC.0947
Synonyms: Musa
Genus: Eumusa
Section: AAB
Species/Group: landrace
Subspecies/Subgroup: PNG354
Status of the plant: 04/06-09/07/89

Collecting descriptors

Collecting number: PNG354
Collecting date: 04/06-09/07/89
Province: West Sepik
Nearest town: Maprik
Place of collection: Wasera

Evaluation site: South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit: Cooking
Collectors notes:

Presence of pests and diseases:
Black leaf streak: 2 Cordana: 0 Freckle: 0
Black cross: 2 Speckle: 0

Wan

Accession descriptors

ITC accession number: ITC.0948
Synonyms: Musa
Genus: Eumusa
Section: AA
Species/Group: landrace
Subspecies/Subgroup: PNG355
Status of the plant: 04/06-09/07/89

Collecting descriptors

Collecting number: PNG355
Collecting date: 04/06-09/07/89
Province: West Sepik
Nearest town: Maprik
Place of collection: Wasera

Evaluation site: South Johnstone, QDPI, AUS

Observation at collecting site

Use of the fruit: Cooking
Collectors notes:

Presence of pests and diseases:
Black leaf streak: 0 Cordana: 0 Freckle: 0
Black cross: 0 Speckle: 0
Wiliman

**Accession descriptors**

- **ITC accession number:** ITC.0949
- **Synonyms:**
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG356
- **Collecting date:** 04/06-07/89
- **Province:** West Sepik
- **Nearest town:** Maprik
- **Place of collection:** Luwaita

- **Plant crop cycle** (cycle 1, mth): 10 - 11
- **Ratoon crop cycle** (cycle 2, mth): 5 - 6
- **Pseudostem height** - cycle 1, cm: 200 - 250
  - cycle 2, cm: 250 - 300
- **Bunch weight** - cycle 1, kg: 0 - 5
  - cycle 2, kg: 5 - 10
- **Number of hands** - cycle 1: 2 - 3
  - cycle 2: 4 - 5
- **Number of fruits** - cycle 1: 20 - 25
  - cycle 2: 20 - 25
- **Fruit length** - cycle 1, cm: low
  - cycle 2, cm: low
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 2
  - Freckle: 0
  - Black cross: 2
  - Speckle: 0

Te’engi

**Accession descriptors**

- **ITC accession number:** ITC.0951
- **Synonyms:**
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **Collecting number:** PNG358
- **Collecting date:** 04/06-07/89
- **Province:** West Sepik
- **Nearest town:** Maprik
- **Place of collection:** Luwaita

- **Plant crop cycle** (cycle 1, mth): 8 - 9
- **Ratoon crop cycle** (cycle 2, mth): 8 - 9
- **Pseudostem height** - cycle 1, cm: 200 - 250
  - cycle 2, cm: 250 - 300
- **Bunch weight** - cycle 1, kg: 0 - 5
  - cycle 2, kg: 5 - 10
- **Number of hands** - cycle 1: 5 - 6
  - cycle 2: 5 - 6
- **Number of fruits** - cycle 1: 20 - 25
  - cycle 2: 20 - 25
- **Fruit length** - cycle 1, cm: low
  - cycle 2, cm: low
- **Susceptibility to yellow Sigatoka:** low

**Observation at collecting site**

**Use of the fruit:** Cooking

**Collectors notes:**

- **Presence of pests and diseases:**
  - Black leaf streak: 0
  - Cordana: 0
  - Freckle: 0
  - Black cross: 0
  - Speckle: 0

**Collectors notes:**

- Leaves badly eaten by locusts
### Mise’ehina

**Accession descriptors**

- **ITC accession number:** ITC.0952
- **Synonyms:**
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **ITC accession number:** PNG359
- **Collecting number:** PNG359
- **Collecting date:** 04/06-09/07/89
- **Province:** West Sepik
- **Nearest town:** Maprik
- **Place of collection:** Luwaita

**Evaluation**

- **Plant crop cycle:** (cycle 1) (mth): 14 - 15
- **Ratoon crop cycle:** (cycle 2) (mth): 10 - 15
- **Pseudostem height:** - cycle 1 (cm): 300 - 350
- - cycle 2 (cm): 350 - 400
- **Bunch weight:** - cycle 1 (kg): 10 - 15
- - cycle 2 (kg): 15 - 20
- **Number of hands:** - cycle 1: 4 - 5
- - cycle 2: 7 - 8
- **Number of fruits:** - cycle 1: 10 - 15
- - cycle 2: 15 - 20
- **Fruit length:** - cycle 1 (cm): 25 - 30
- - cycle 2 (cm): 20 - 30

**Susceptibility to yellow Sigatoka:**

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<tr>
<th>Description</th>
<th>Cycle 1</th>
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<tbody>
<tr>
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<tr>
<td>Freckle</td>
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<tr>
<td>Black cross</td>
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<tr>
<td>Speckle</td>
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**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Tall: red type of Marau (PNG025)

**Presence of pests and diseases:**

- **Black leaf streak:** 0
- **Cordana:** 0
- **Freckle:** 0
- **Black cross:** 0
- **Speckle:** 0

### Mandape

**Accession descriptors**

- **ITC accession number:** ITC.0953
- **Synonyms:**
- **Genus:** Musa
- **Section:** Eumusa
- **Species/Group:** AAA
- **Subspecies/Subgroup:** landrace

**Collecting descriptors**

- **ITC accession number:** PNG360
- **Collecting number:** PNG360
- **Collecting date:** 04/06-09/07/89
- **Province:** West Sepik
- **Nearest town:** Maprik
- **Place of collection:** Luwaita

**Evaluation**

- **Plant crop cycle:** (cycle 1) (mth): 11 - 12
- **Ratoon crop cycle:** (cycle 2) (mth): 7 - 10
- **Pseudostem height:** - cycle 1 (cm): 300 - 350
- - cycle 2 (cm): 350 - 400
- **Bunch weight:** - cycle 1 (kg): 10 - 15
- - cycle 2 (kg): 15 - 20
- **Number of hands:** - cycle 1: 4 - 5
- - cycle 2: 5 - 6
- **Number of fruits:** - cycle 1: 15 - 20
- - cycle 2: 20 - 25
- **Fruit length:** - cycle 1 (cm): 15 - 20
- - cycle 2 (cm): 20 - 25

**Susceptibility to yellow Sigatoka:**

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<tr>
<td>Speckle</td>
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**Observation at collecting site**

- **Use of the fruit:** Cooking
- **Collectors notes:** Tall, robust

**Presence of pests and diseases:**

- **Black leaf streak:** 1
- **Cordana:** 0
- **Freckle:** 0
- **Black cross:** 0
- **Speckle:** 0
**Asupina**

**PNG361**

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<td>Place of collection:</td>
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**Observation at collecting site**

| Use of the fruit: | Dessert |
| Collectors notes: | Tall, robust |

| Presence of pests and diseases: | |
| Black leaf streak: | 0 |
| Cordana: | 0 |
| Freckle: | 0 |

| Black cross: | 0 |
| Speckle: | 0 |

**Ungota**

**PNG362**

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**Observation at collecting site**

| Use of the fruit: | Cooking |
| Collectors notes: | Tall, robust, erect leaves |

| Presence of pests and diseases: | |
| Black leaf streak: | 2 |
| Cordana: | 2 |
| Freckle: | 0 |

| Black cross: | 0 |
| Speckle: | 0 |
Musa 

**Accession descriptors**

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**Evaluation**

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<td>- cycle 2 (cm):</td>
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**Observation at collecting site**

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**MUSA LOGUE - a catalogue of Musa germplasm - E. Arnaud and J.P. Horry (eds) - 1997**

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Total 243

* erratum: misclassified in Musalogue