Ministry for Primary Industries
Manatū Ahu Matua

Import Health Standard

Fresh Mango Leaf (*Mangifera indica*) for Human Consumption

Draft

LEAF-MANGO-IHS.FP

Issued under the Biosecurity Act 1993

New Zealand Government

TITLE

Import Health Standard: Fresh Mango Leaf (Mangifera indica) for Human Consumption

COMMENCEMENT

This Import Health Standard comes into force on date of signing.

ISSUING AUTHORITY

This Import Health Standard is issued under section 24A of the Biosecurity Act 1993.

Dated at Wellington [Date of Signing]

Stephen Butcher
Principal Adviser, Plants & Pathways
Ministry for Primary Industries
(acting under delegated authority of the Director-General)

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Contact for further information
Ministry for Primary Industries (MPI)
Biosecurity New Zealand
Plants & Pathways
PO Box 2526
Wellington 6140

Email: plantimports@mpi.govt.nz

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Introduction

This introduction is not part of the **Import Health Standard** (**IHS**), but is intended to indicate its general effect.

Purpose

An **IHS** specifies the requirements for **importing risk goods** into New Zealand from all countries. This **IHS** specifies the requirements that must be met when **importing fresh mango leaf** into New Zealand.

Background

An **IHS** issued under the New Zealand **Biosecurity Act 1993** (**the Act**) specifies the requirements to be met to effectively manage biosecurity risks associated with **importing risk goods**, including the risks from **incidentally imported new organisms**. **IHSs** include measures that must be applied in the exporting country before the **risk goods** are exported. **IHSs** also include requirements that must be met by **importers** during **importation**, including while the **risk goods** are **in transit** to New Zealand and held in a **transitional facility**, before **biosecurity clearance** can be given.

Post-**clearance** conditions may also be specified in an **IHS**.

Who should read this?

This **IHS** should be read by anyone involved in the process of **importing fresh mango leaf** into New Zealand (or who has an interest in **importing fresh mango leaf**).

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Why is this important?

It is the responsibility of the **importer** to ensure that **risk goods** (i.e. **fresh mango leaf**) comply with the requirements of the relevant **IHS**. **Risk goods** that do not comply with the requirements of an **IHS** may not be **cleared** for **entry** into New Zealand and may be directed for **treatment**, re-shipment, destruction or further action deemed appropriate by a **Chief Technical Officer** (**CTO**). The **pathway** may be suspended if certain types of **viable regulated pests** or weed seeds are **intercepted** on the **consignment**.

Importers are liable for all associated expenses.

Equivalence

A **CTO** may consider an application for an **equivalent phytosanitary measure** to be approved, different from that provided for in this **IHS**, to maintain at least the same level of protection assured by the current measure(s).

Equivalence will be considered with reference to the **International Standard for Phytosanitary Measures ISPM 24.** *Guidelines for the determination and recognition of equivalence of phytosanitary measures*.

Document History

This **IHS** replaces the following schedules in the revoked **Import Health Standard** 152.02: *Importation and Clearance of Fresh Fruit and Vegetables into New Zealand*:

- Leaves, mango, *Mangifera indica*, Fiji

Version Date	Section Changed	Change(s) Description
XX July 2019	All	New document

Other information

Guidance boxes are included within this **IHS** for explanatory purposes. The guidance included in these boxes is for information only and has no legal effect.

Guidance Document: *Import of Fresh Fruit and Vegetables for Human Consumption* provides information to assist with meeting the requirements of an **IHS** for **fresh fruits and vegetables** and should be read in conjunction with this **IHS**. **Biosecurity clearance** of **fresh fruits and vegetables** will be covered by a separate guidance document.

Within this **IHS**, terms printed in bold have the same meaning as that set out and defined by the **FAO**, in **ISPM 5.** *Glossary of phytosanitary terms,* **the Act** or in this **IHS**.

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Part 1: General Requirements

1.1 Application

(1) This **Import Health Standard** (**IHS**) applies to **fresh mango leaf** (*Mangifera indica*) **imported** for human consumption ('**fresh mango leaf**').

(2) This **IHS** applies to **imports** of **fresh mango leaf** from those countries that meet the requirements in 1.4.

Guidance

- Hybrids between species can be **imported** but only when each species is an approved **commodity** i.e. an **IHS** exists for each species. The hybrid should meet the requirements specified in the **IHS** for each species in the hybrid.
- Some **fresh commodities** (commercially manufactured and processed **fruits and vegetables** of specific commercial brands that have undergone pre export assessment by MPI) can be found on the MPI website in "Processed" Fresh Commodities. These **commodities** are not considered to be **risk goods** and do not need to comply with the requirements of this **IHS**. To apply to have a processed **fresh commodity** assessed to be listed, contact Plantimports@mpi.govt.nz.
- Frozen, cooked, pickled, pureed or dried **commodities** for human consumption are covered by **Import Health Standard**: *Stored Plant Products for Human Consumption*.
- **Import** requirements for trade samples for evaluation and private consignments are covered by separate standards.

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1.2 Incorporation by reference

(1) The following documents are incorporated by reference under section 142M of **the Act**:

a) **ISPM 5.** *Glossary of phytosanitary terms*. Rome, IPPC, FAO.
b) **ISPM 7.** *Phytosanitary certification system*. Rome, IPPC, FAO.
c) **ISPM 12.** *Phytosanitary certificates*. Rome, IPPC, FAO.
d) **ISPM 23.** *Guidelines for inspection.* Rome, IPPC, FAO.
e) **ISPM 31.** *Methodologies for sampling of consignments*. Rome, IPPC, FAO.
f) MPI **Biosecurity Organisms Register for Imported Commodities** (**BORIC**). Wellington, MPI.
g) MPI Schedule of Regulated (Quarantine) Weed Seeds. Wellington, MPI.

(2) Under section 142O(3) of **the Act** it is declared that section 142O(1) does not apply, that is, a notice under section 142O(2) of **the Act** is not required to be published before material that amends or replaces any material incorporated by reference has legal effect as part of those documents.

1.3 Definitions

(1) Definitions are listed in Schedule 1.

1.4 General requirements for fresh mango leaf

(1) **Importers** may only **import fresh mango leaf** from a country where the **NPPO** has provided evidence to the satisfaction of a **CTO** that the exporting country has a **phytosanitary certification** system that complies with **ISPM 7.** *Phytosanitary certification system*. The **phytosanitary certification** system (including programmes and standards) must demonstrate the process used to provide export assurance.

(2) In order to obtain **biosecurity clearance** all **consignments** of **fresh mango leaf imported** into New Zealand must:

a) meet the specific requirements in Part 2 *Specific Requirements*;
b) be considered **free from viable regulated pests**, soil and other **contamination**;
c) at the time of export, be commercially produced in accordance with the principles of **Good Agricultural Practice** (**GAP)** and meet the requirements relating to export quality in 1.4 (3);
d) be **packaged** in clean and either new or refurbished material;
e) be exported in a secure manner to prevent **contamination**; and
f) be accompanied by documentation that meets the requirements of Part 3 *Inspection, Verification and Documentation Requirements*.

(3) All **consignments** of **fresh mango leaf** must be:

a) intact, sound and clean;
b) free from:
   i) rot, signs of shrivelling and dehydration;
   ii) any visible foreign matter;
   iii) damage caused by **pests** affecting the flesh; and
   iv) abnormal moisture;
c) able to withstand transportation and handling.

(4) **Fresh mango leaf** must not include flowers, roots or any other **plant** parts.

(5) **Fresh mango leaf** must only be used for human consumption.

Guidance

- Countries that meet the requirements in 1.4 (1) and are approved to trade **fresh mango leaf** are listed in an online pest database.
- A list of **pests** associated with **fresh mango leaf** can be found in the online pest database.
- The full list of **regulated** and non-**regulated pests** for New Zealand can be found in **BORIC** and the Schedule of regulated (quarantine) weed seeds. These databases can be found on the MPI website.
- In 1.4 (2) "considered **free from viable regulated pests**" is used as described in Section 5 of **ISPM 12**. *Phytosanitary certificates.*
- The phytosanitary **inspection** by the **NPPO** in Part 3 *Inspection, Verification and Documentation Requirements* may be used to determine whether the requirements in 1.4 (3) are met.

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Part 2: Specific Requirements

2.1 *Basic Measures*

(1) **Fresh mango leaf** must be sourced from a **production site** that uses standard commercial cultivation methods that comply with the principles of **Good Agricultural Practice (GAP)** including **pest control**, harvesting, sorting, cleaning, **inspection** and **packaging**.

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Part 3: Inspection, Verification and Documentation Requirements

3.1 Phytosanitary inspection

(1) A sample unit for the purpose of this **IHS** is an individual **fresh mango leaf**.

(2) The **NPPO** of the exporting country must:

a) sample each homogeneous grower **lot** of **fresh mango leaf**. The minimum sample size for **inspection** must be based on a 95% confidence level that not more than 0.5% of the units in the **lot** are **infested** as set out in **ISPM 31.** *Methodologies for sampling of consignments* Appendix 2;
b) visually **inspect** each sample unit according to **official phytosanitary procedures** in accordance with **ISPM 23.** *Guidelines for inspection* and **ISPM 31.** *Methodologies for sampling of consignments* for all **regulated pests** required by New Zealand;
c) verify that *Basic Measures* have been applied as outlined in Part 2 *Specific Requirements*;
d) reconcile that the number of packages presented for **inspection** is consistent with documentation;
e) verify that traceability labelling is complete; and
f) verify that **phytosanitary security** is maintained for the **consignment**.

(3) The **NPPO** must contact MPI to establish the regulatory status of any **pests** not listed in **BORIC** and found during an **inspection**.

3.2 Phytosanitary certification

(1) Each **consignment** must meet the requirements set out in Part 3 *Inspection, Verification and Documentation Requirements* and be accompanied by a **phytosanitary certificate** issued by the **NPPO** in accordance with **ISPM 12.** *Phytosanitary certificates*.

(2) The **phytosanitary certificate** must include the following where applicable:

a) Sufficient detail to enable identification of the **consignment** and its component parts. Information must include country/place of origin.
b) The scientific name of **fresh mango leaf** (*Mangifera indica*).
c) The following certifying statement, or a variation that is compliant with **ISPM 12.** *Phytosanitary certificates* and has been approved by a **CTO**:

i) "*This is to certify that the plants, plant products or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered to be free from the quarantine pests specified by the importing contracting party and to conform with the current phytosanitary requirements of the importing contracting party, including those for regulated non-quarantine pests*."

(3) If a **consignment** of **fresh mango leaf** is stored in another country **in transit** to New Zealand or opened, split up or has its **packaging** changed prior to when it **arrives in New Zealand**, a **phytosanitary certificate** for **re-export** is required from the transiting country, in accordance with **ISPM 12.** *Phytosanitary certificates,* and must accompany each **consignment**.

Guidance

- If **viable regulated pests** are detected, a **phytosanitary certificate** should not be issued unless appropriate **phytosanitary measures** have been applied.

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Schedule 1: Definitions

Definitions have the same meaning as defined by **FAO**, **ISPM 5.** *Glossary of phytosanitary terms,* **the Act** unless set out below. Derived forms of terms set out in the aforementioned sources, e.g. *inspect* from *inspection*, are considered to have the same meaning as the defined term.

Arrives in New Zealand
Definition as per **the Act**.

Biosecurity clearance/cleared
Definition as per **the Act**.

Biosecurity Organism Register for Imported Commodities (**BORIC**)
MPI database which identifies the **quarantine** status for an **organism** as either **regulated** or non-**regulated** for New Zealand. **BORIC** is available at: https://www.mpi.govt.nz/news-and-resources/resources/registers-and-lists/biosecurity-organisms-register-for-imported-commodities/

Commodity
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Consignment
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Contamination
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Control
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Chief Technical Officer (**CTO**)
Definition as per **the Act**.

Entry
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Equivalence/equivalent
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

FAO
Food and Agriculture Organization of the United Nations.

Free from
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Fresh
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Fruits and vegetables
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Good Agricultural Practice (**GAP**)
Definition as per **FAO**, 2003. *Development of a Framework for Good Agricultural Practices*. Retrieved from FAO: http://www.fao.org/3/y8704e/y8704e.htm

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Import/imported
Definition as per **the Act**.

Import health standard (IHS)
Definition as per **the Act**.

Importation
Definition as per **the Act**.

Importer
Definition as per **the Act**.

In transit
Refers to **risk goods** (**consignments**) in the process of being shipped to New Zealand, for example **risk goods** in sea containers on board a vessel. These **risk goods** or **consignments** may have **treatments** applied (for example, cold **treatment**) while the **risk goods** are en route to New Zealand.

Incidentally imported new organism
Definition as per **the Act**.

Inspection/inspect
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Interception (of a **pest**)
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

International Standard for Phytosanitary Measures (**ISPM**)
Definition as per **ISPM 5**. *Glossary of phytosanitary terms.* The list of **ISPMs** are available from: https://www.ippc.int/en/core-activities/standards-setting/ispms/.

National Plant Protection Organisation (**NPPO**)
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Official/officially
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Organism
Definition as per **the Act.**

Packaging/packaged
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Pathway
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Pest
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Phytosanitary certification/phytosanitary certificate
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Phytosanitary measure
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Phytosanitary procedure
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

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Phytosanitary security
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Plants
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Production site
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Quarantine
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Quarantine pests
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Re-export (consignment)
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Regulated pest
A **pest** that is identified as a **regulated pest** in **BORIC** or the Schedule of regulated (quarantine) weed seeds.

Risk goods
Definition as per **the Act**.

Seed
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Transitional facility
Definition as per **the Act**.

Treatment/treated
Definition as per **ISPM 5**. *Glossary of phytosanitary terms*

Viable regulated pest
Any **regulated pest** that is capable of reproduction and development, including insects, **plants**, **seeds** and other **organisms**.

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