



# Truffles for Propagation

MPI.IHS.TUBER

14 March 2017

## **TITLE**

Import Health Standard: Truffles for Propagation

## **COMMENCEMENT**

This Import Health Standard comes into force on the date of issue.

## **REVOCATION**

This import health standard revokes and replaces Import Health Standard BNZ.IMP.TUBER: Importation into New Zealand of specified fresh and frozen *Tuber* species (truffle) dated 1 February 2011.

## **ISSUING AUTHORITY**

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

Dated at Wellington this 14<sup>th</sup> day of March 2017

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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

This IHS specifies the minimum requirements for importing truffles for propagation into New Zealand.

## Background

The New Zealand Biosecurity Act 1993 (the Act) provides the legal basis for excluding, eradicating and effectively managing regulated pests.

Each IHS issued under the Act specifies requirements to be met to effectively manage biosecurity risks associated with importing risk goods, including the risks from incidentally imported organisms. They include requirements that must be met by the exporting country, during transit, importation and while held in a transitional facility, before biosecurity clearance can be given.

Post-clearance conditions may also be specified in the IHS.

Guidance accompanies the IHS as either a separate document or as guidance boxes throughout the IHS itself. Guidance provides information on how the requirements may be met.

## Who should read this?

Anyone who is involved in the process of importing truffles for propagation into New Zealand or who has an interest in importing truffles for propagation into New Zealand should read and be familiar with this IHS.

## Why is this important?

It is the importers responsibility to ensure the risk goods comply with the requirements of this IHS. Risk goods that do not comply with the requirements of this IHS may not be cleared for entry into New Zealand. Risk goods that do not comply with the requirements of this IHS may be directed for treatment, re-shipment, destruction or further action deemed appropriate by the Chief Technical Officer (CTO). The pathway may be suspended, if certain types of viable regulated pests are intercepted on the consignment.

Importers are liable for all associated expenses.

## Equivalence

The CTO may consider a pre-export 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 measures in this IHS.

Equivalence requests from the exporting National Plant Protection Organisation (NPPO) 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

Refer to Appendix 2 for the amendment record for this IHS.

## Other Information

Fresh truffles for consumption are eligible for import into New Zealand under IHS: *Fresh Truffles for Consumption*: IHS.FP.TRUFFLE.

Cooked and processed truffles are eligible for import into New Zealand under IHS: *Importation into New Zealand of stored plant products intended for human consumption*: BNZ.NPP.HUMAN.

## Part 1: General Requirements

### 1.1 Application

- (1) This import health standard (IHS) applies to truffles for propagation from all countries.

### 1.2 Incorporation of material by reference

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

MPI Biosecurity Organisms Register for Imported Commodities (BORIC)

International Standards for Phytosanitary Measures (ISPM)

- ISPM 5 (*Glossary of terms*)
- ISPM 7 (*Phytosanitary Certification System*)
- ISPM 12 (*Phytosanitary Certificates*)
- ISPM 23 (*Guidelines for Inspection*)

- (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 Appendix 1.

### 1.4 General

- (1) All consignments of truffles for propagation must be clearly identified with the scientific name (including genus and species) as set out in Part 2.3 *Basic Measures*.
- (2) All consignments of truffles for propagation imported into New Zealand must:
  - a) be free from soil and extraneous material;
  - b) be free from visible regulated pests;
  - c) be packaged in clear, clean and new material; and
  - d) be shipped in a secure manner to prevent contamination by regulated pests.
- (3) All consignments must meet the requirements of this IHS before biosecurity clearance can be given, other than the requirement in Part 1.4 (4).
- (4) Consignments of truffles for propagation imported under this IHS must not be used for any other purpose.

### 1.5 Exporting country systems

- (1) Importers may only import from a country where the National Plant Protection Organisation (NPPO) has provided evidence, to the satisfaction of an MPI Chief Technical Officer (CTO), of the national systems/programmes and standards used for export assurance in accordance with ISPM 7 (*Phytosanitary Certification System*).

#### Guidance

- The national systems/programmes and standards are subject to audit by MPI.

## 1.6 Export plans

- (1) An Export Plan is not required for truffles for propagation.

## 1.7 Permit to import

- (1) All consignments of truffles for propagation require a permit to import.

### Guidance

- [Permit to Import application](#) forms can be found on the MPI website.
- All permits will be issued as single use only.
- A list of [MPI approved suppliers of pest identification](#) services for molecular testing of truffles can be found on the MPI website.

## 1.8 Transit requirements

- (1) If a consignment is opened, stored, 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.
- (2) Each container must be labelled with the scientific name of each truffle species. When more than one species is being exported in the same consignment, each truffle species must be separately wrapped.

### Guidance

- A consignment that arrives in New Zealand without an import permit or appropriate phytosanitary certification, or accompanied by incorrect certification, may be directed to a transitional facility until documentation is presented.
- Truffles may be kept cool with ice pads. These may be replaced in-transit provided individual packages are not opened.

## Part 2: Specific Requirements

### 2.1 Commodity description

- (1) Truffles for propagation may be fresh, frozen or dried truffles.
- (2) The following four species are eligible for import into New Zealand:
  - a) *Tuber aestivum* Vittad. (synonym *T. uncinatum*) – Burgundy/ Summer truffle;
  - b) *Tuber borchii* (synonym *T. albidum*) – Bianchetto truffle;
  - c) *Tuber magnatum* – Italian white truffle; and
  - d) *Tuber melanosporum* – Périgord black truffle.

**Guidance**

- The Environmental Protection Authority (EPA) considers applications for the import and release of new organisms.
- To add a new truffle species to this IHS, please contact EPA and [MPI Plant Imports](#).

### 2.2 Pest list

- (1) Appendix 3: *Truffles Regulated Pest List* sets out the known pests associated with truffles.

**Guidance**

- The full list of regulated and non-regulated pests for New Zealand can be found in MPI [BORIC](#).

### 2.3 Basic Measures

- (1) Truffles must be washed and dried prior to export.
- (2) When more than one species is being exported in the same consignment, each species must be separately packaged and labelled.

**Guidance**

- *Basic Measures* are required to manage pests and other regulated organisms that present a risk to New Zealand on this pathway.

### 2.4 Phytosanitary inspection

- (1) For the purposes of Part 3.1 *Phytosanitary Certificates*, the NPPO of the exporting country must:
  - a) visually inspect each consignment according to official procedures in accordance with ISPM 23 (*Guidelines for Inspection*) and verify freedom from regulated pests specified by New Zealand;
  - b) verify that the *Basic Measures* have been applied (Part 2.3);
  - c) verify that the required morphological identification has been completed (Part 3.2.1);
  - d) verify that the consignment is correctly packaged (Part 1.4(2)c)) and correctly labelled for transport (Part 2.3 (2)).

**Guidance**

- If the verifying NPPO detects a pest during an official inspection that is not listed on [BORIC](#), MPI may be contacted to establish the regulatory status of the pest.



## Part 3: Documentation Requirements

### 3.1 Phytosanitary certification

- (1) Each consignment of truffles for propagation must be accompanied by a phytosanitary certificate in accordance with ISPM 12 (*Phytosanitary Certificates*).
- (2) The phytosanitary certificate must contain sufficient detail to enable identification of the consignment and its component parts. Information must include country/place of origin and the species of truffle.

#### Guidance

- A phytosanitary certificate must not be issued if viable regulated organism(s) are detected.
- Country/place of origin is defined as a country where the truffles were produced or harvested.

### 3.2 Species validation

#### 3.2.1 Morphological examination and report

- (1) Each consignment of truffles for propagation must be accompanied by a morphological report specifying the identity of the species in the consignment, by the exporter. The examination must be undertaken by persons trained to identify truffle species by visual and aroma characteristics.
- (2) The report must be issued on company letterhead by a person authorised to act on behalf of the exporting company. The report must include the following information:
  - a) authorised person's name, signature, job title and date of issue;
  - b) truffle species and genus;
  - c) MPI import permit number; and
  - d) the following statement:
    - i) "Each truffle has been identified as a species eligible for import under MPI Import Health Standard: Truffles for Propagation: MPI.IHS.TUBER."

#### 3.2.2 Molecular testing

- (1) All consignments of truffles for propagation must be tested by molecular testing by the diagnostic facility stated on the permit.
- (2) Each truffle must undergo molecular testing to confirm that the species matches that which is stated on the phytosanitary certificate. The consignment will be held until the results of testing are confirmed.
- (3) Provided all truffles are identified as a species eligible under this IHS, and all other requirements of this IHS have been met, the consignment can be released to the importer.

#### Guidance

- The diagnostician will take a small slice from every truffle in the consignment for molecular testing.
- Polymerase chain reaction (PCR) and DNA sequence analysis will be used to confirm species identity.
- Test results will be provided by the diagnostic laboratory to the MPI inspector. The importer is liable for all costs associated with testing.
- Detection of any truffle species not included in this IHS may result in destruction of the consignment and further permit applications from the same supplier being declined.

## Appendix 1: Definitions

Definitions have the same meaning as defined by the Act and ISPM 5 (*Glossary of Phytosanitary Terms*) unless set out below:

### **Arrival (in New Zealand)**

In relation to goods, means to reach land within New Zealand territory after a flight or voyage originating outside New Zealand territory.

### **BORIC - Biosecurity Organisms Register for Imported Commodities**

MPI database which informs on the regulatory status for an organism as either regulated or non-regulated for New Zealand. BORIC is available at <http://archive.mpi.govt.nz/applications/boric>

### **IPPC**

International Plant Protection Convention.

### **ISPM**

International Standards for Phytosanitary Measures. The list of ISPMs are available from: <https://www.ippc.int/en/core-activities/standards-setting/ispms/>.

### **NPPO**

National Plant Protection Organisation.

### **Pest**

Any species, strain or biotype of plant, animal or pathogenic agent injurious to plant or plant products [IPPC].

### **Regulated Pest**

A quarantine pest or a regulated non-quarantine pest as stated in BORIC.

## Appendix 2: Amendment Record

The following table provides a summary of the amendments to this import health standard.

Number:	Details:	Date:

## Appendix 3: Truffles Regulated Pest List

The regulated pest list for truffles imported from all countries can be found in the table below.

Scientific name	Organism type	Common name
<i>Bolborhachium</i> sp	Insect	earth- borer beetle
<i>Blackbolbus</i> sp	Insect	earth-borer beetle
<i>Leiodes cinnamomea</i>	Insect	truffle beetle
<i>Suillia fuscicornis</i>	Insect	-
<i>Suillia gigantea</i>	Insect	truffle fly
<i>Suillia hispanica</i>	Insect	-
<i>Suillia lurida</i>	Insect	garlic fly
<i>Suillia notata</i>	Insect	-
<i>Suillia pallida</i>	Insect	-
<i>Suillia tuberiperda</i>	Insect	-
<i>Suillia univittata</i>	Insect	-
<i>Suillia ustulata</i>	Insect	-