

# Plant Quarantine Rules of Bhutan, 2003

## CHAPTER I

### STATIONS, POINTS OF ENTRY AND CHECKPOSTS

1. The Minister under the powers conferred by sections 5 (1)h and 5(1j) of the Plant Quarantine Act of Bhutan, 1993 hereby declare the following places as points of entry into Bhutan -

Land Entry points,

1. Phuentsholing Entrypoint / checkpost
2. Gelephu Entrypoint / checkpost
3. Samdrupjonkhar Entrypoint /checkpost
4. Samtse Entrypoint / checkpost

Landing places,

1. International Airport, Paro

Quarantine premises,

1. Plant Quarantine Station, QCRS, Phuentsholing
2. Plant Quarantine Station, QCRS, Paro
3. Plant Quarantine Station, QCRS, Gelephu
4. Plant Quarantine Station, QCRS, Samdrup Jongkhar

Post Entry Quarantine Station,

1. National Quality Control Laboratory Complex, Yusipang
2. Plant Quarantine Station, QCRS, Paro
3. Plant Quarantine Station, QCRS, Phuentsholing
4. Plant Quarantine Station, Gelephu

2. No plants, plant products, packages, goods or soil subject to quarantine shall be imported into Bhutan except through officially declared points of entry under para 1 of Chapter 1.

3. When plants, plant products, packages, goods or soil infested, or believed to be infested, with a pest are detected, they shall be detained at the point of entry or forwarded to appropriate stations for treatment in accordance with regulations.

4. A person who removes plants, plant products, packages, goods or soil from these places without the written authority of a quarantine inspector shall be guilty of an offence.

5. A person who trespasses in these places shall be guilty of an offence.

6. Once treatment of plants, plant products, packages, goods or soil has been completed to the satisfaction of a quarantine inspector, they may be released from quarantine and removed by the owner or importer.

## **CHAPTER II**

### **IMPORT OF PLANTS AND SEEDS FOR PROPAGATION**

- 1.** The Minister under the power conferred by Sections 5(1)c, 5(1)f, 5(1)g and 5(2) of the Plant Quarantine Act of Bhutan, 1993 may prohibit the import of any plants, seeds or tissue cultures for propagation into Bhutan except by permit issued by the Quality Control and Regulatory Services, Ministry of Agriculture. The permit format is given in Annexure I and the application form for the issue of the import permit is given in Annexure II .
- 2.** The entry of plants for planting purpose is limited to the smallest propagative unit consistent with good horticultural practice and the permitted quantities will be as per Schedule II of Chapter II.
- 3.** Imports should be accompanied by a phytosanitary certificate from the country of origin, with endorsements as necessary, free of soil and packed in an approved packing material given in Schedule I of Chapter II.
- 4.** Imports shall be subject to inspection on arrival and if in the opinion of an inspector is infected with a plant pest must be treated to remove the quarantine risk. The plants may be grown in post entry quarantine.
- 5.** The regulation of specific plant genera, including prohibitions, from outside Bhutan is given in Schedule III of Chapter II. Because of the risk of introducing dangerous pests, imports will NOT be permitted from countries where quarantine pests occur, or specific tests or treatments will be required from those countries to ensure that pest free material is obtained.
- 6.** Imports of plants in tissue culture must be in clear glass or plastic containers, in clear agar medium poured into the container before the transplanting of the plant material, and will be subject to inspection on arrival. Imports that do not satisfy these requirements will be treated as plants grown in soil and together with those also found contaminated will be ordered to be grown in post entry quarantine, or destroyed.
- 7.** Restrictions and conditions for import of germplasm (vegetative planting material and seed) are given in Schedule III a and III b of Chapter II.
- 8.** Restriction on import of forest tree species and protected species for import and export are given in Schedule IV a and IV b of Chapter II.
- 9.** Import shall be permitted only for those varieties that are released by the Varietal Release Committee.

## **CHAPTER II Schedule I**

### **Permitted packing materials**

1. Sterilized peat
2. Sterilized sphagnum moss
3. Wood wool
4. Exfoliated vermiculite
5. Ground cork
6. Wood shavings
7. Coconut fibre
8. Shredded paper

## CHAPTER II Schedule II

### Smallest propagative unit for planting for research purposes

#### 1. **FRUIT AND NUT PLANTS**

(Live plant with roots and bud wood) –Not more than 20 nos per cultivar or variety

#### **Permitted packing materials and methods**

Should be packed only in the approved listed materials under Chapter II, Schedule I.

The materials for rooted plants should be treated with appropriate fungicide and insecticide prior to packing.

- For the scion wood, the scion wood should also be treated with appropriate fungicide and insecticide and waxed.
- The planting materials should be kept moist during transportation till it reaches the destination.
- Plantlets may only be imported through tissue culture.

#### 2. **SEEDS**

The smallest propagative unit for seeds will differ with the type and cultivars imported. As such seed units are categorized as below:

#### Seed unit categorization

- I) For on – station research
  - a) Small  
200 – 300 gms (all cole crops, root crops, leafy vegetables, spices and condiments)
  - b) Medium – Large  
700 – 1000 gms (All legumes, cucurbits, cardamom, citrus)
- II) For On-farm research trial
  - a) Small  
500 – 1000 gms (all cole crops, root crops, leafy vegetables, spices and condiments)
  - b) Medium – Large  
2000 – 5000 gms (All legumes, cucurbits, cardamom, citrus)

## CHAPTER II Schedule III a

### Restrictions on vegetative planting material and seeds and conditions for import

Common Name	Genera or species	Quarantine pests *	Prohibitions & conditions for import
Apple	Malus	Fireblight ( <i>Erwinia amylovora</i> ) Apple proliferation Apple viruses	1. Import as virus tested plantlets or seedlings in sterile culture and/or 2. Growth in post-entry quarantine
Apricot and other stone fruits	Prunus	Fireblight ( <i>Erwinia amylovora</i> ) Plum pox virus (Sharka) Prunus necrotic ringspot virus Prunus dwarf virus	1. Import as virus tested plantlets or seedlings in sterile culture and/or 2. Growth in post-entry quarantine
Avocado	Persea	Avocado sunblotch viroid	1. Growth in post-entry quarantine
Banana	Musa	Bunchy top virus Moko disease ( <i>Pseudomonas solanacearum</i> ) Panama wilt ( <i>F.oxysporum fs. cubense</i> ) Nematodes Blood disease ( <i>Xanthomonas compestris pv. celebensis</i> ) Cameroon marbling disease	1. Hot water treatment 2. Growth in post-entry quarantine  APPPC*
Cardamom	Amomum & Elettaria	Virus diseases	1. Growth in post-entry quarantine
Cassava	Manihot	Cassava bacterial blight ( <i>Xanthomonas campestris pv. manihotis</i> ) Root rot ( <i>Phaseolus manihotis</i> ) Cassava mosaic viruses	1. Import as virus-tested plantlets or seedlings in sterile culture and/or 2. Growth in post-entry quarantine  APPPC*
Chestnut	Castanea	Chestnut blight ( <i>Endothia parasitica</i> )	1. Growth in post-entry quarantine
Citrus (Mandarins, oranges, lemons, limes and kumquat)	Citrus F: Rutaceae	Citrus greening bacterium Citrus exocortis viroid Citrus trisetzeza virus Citrus stubborn spiroplasma Mal secco ( <i>Deuterophoma tracheiphila</i> )	1. Prohibited  APPPC*

Common Name	Genera or species	Quarantine pests*	Prohibitions & conditions for import
Coconut (and all palms)	Palmae	Lethal yellowing mycoplasma Cadang cadang viroid Vanuatu disease virus (Foliar decay <i>Myndus taffini</i> ) Coconut leaf miner ( <i>Promocothea cumingi</i> ) Lethal bole rot ( <i>Marasmiellus cocophilus</i> ) Cape St. Paul wilt Kaincope Kribi Lethal bole rot ( <i>Marasmiellus cocophilus</i> ) Red ring ( <i>Rhadinaphelenchus cocophilus</i> )	1. Prohibited  1. Fumigate 2. Fungicidal dip 3. Grow in post-entry quarantine APPPC*
Coffee	Coffea	American leaf spot ( <i>Omphalia flavida</i> ) Coffee berry borer ( <i>hypothenemus hampii</i> ) Blister spot virus Powdery rust ( <i>Hemileia coffeicola</i> ) Tracheomycosis ( <i>Fusarium xylariodes</i> ) Blister spot virus Ringspot virus Coffee berry borer ( <i>Hypothenemus hampii</i> ) Coffee berry disease ( <i>Colletotrichum coffeanum</i> )	1. Growth in post entry quarantine and, in addition, where necessary transit through Intermediate Quarantine Station) 2. Reduce moisture content below 12% 3. Fumigate 4. Fungicide seed dressing 5. Growth in post-entry quarantine  APPPC*
Cotton	Gossypium	Seedling blight ( <i>Ascochyta gossypii</i> ) Boll weevils ( <i>Anthonomus spp.</i> )	1. Fumigate 2. Fungicidal seed dressing APPPC*
Cowpea	Vigna	Cowpea mosaic Cowpea aphid-borne mosaic Cowpea mild mottle / mottle Cowpea severe mosaic	APPPC*
Forest trees	As per Chapter II, Schedule IV		1. Fumigate 2. Fungicidal seed dressing APPPC*
Garlic, Onion, Leek, Chives and Shallot	Allium	Onion smut ( <i>Urocystis cepulae</i> ) Stem and bulb nematodes ( <i>Ditylenchus dipsaci</i> etc)	
Ginger	Zingiber	Fusarium wilt Nematodes	1. Hot water treatment 2. Growth in post entry quarantine

<b>Common Name</b>	<b>Genera or species</b>	<b>Quarantine pests*</b>	<b>Prohibitions &amp; conditions for import</b>
Grapevine	Vitis	Pierce's disease mycoplasma Flavescence doree Grapevine viruses Phylloxera aphid Black rot ( <i>Guinardia bidwellii</i> ) Bacterial blight ( <i>Xanthomonas ampelina</i> )	1. Cuttings only 2. Hot water treatment 3. Growth in post entry quarantine  APPPC*
Grasses	Graminae Various	Pierce's disease mycoplasma Virus diseases	1. Hot water treatment 2. Growth in post-entry quarantine 3. Fungicidal seed dressing  APPPC*
Groundnut	Arachis	Groundnut mottle Groundnut stunt Scab ( <i>Sphaceloma arachidis</i> )	1. Shelled seed only 2. Fungicidal seed dressing 3. Growth in post-entry quarantine APPPC*
Lettuce	Lactuca	Lettuce mosaic virus	APPPC*
Lucerne	Medicago	Bacterial wilt ( <i>Corynebacterium insidiosum</i> )	1. Streptomycin dip
Maize	Zea	Stewart's wilt ( <i>Erwinia stewartii</i> ) Mildew ( <i>Pernosclerospora sp.</i> )	1. Dry seed at 40oC for 24 hr. 2. Soak in sodium hypochlorite or mercuric chloride  APPPC*
Mango	Mangifera	Mango scab ( <i>Elsinoe mangiferae</i> ) Powdery mildew ( <i>Erysiphe polygoni</i> ) Mango malformation and bunchy top ( <i>Fusarium monoliforme</i> ) Black spot ( <i>Pseudomonas mangiferae</i> )	
Mushroom	Agaricus	Mushroom viruses	Spawn to be virus tested
Pea	Pisum	Pea seedborne mosaic virus	
Passion fruit	Passiflora	Passionfruit woodiness virus	1. Growth in post entry quarantine
Pear	Pyrus	Fireblight ( <i>Erwinia amylovora</i> ) Pear decline Pear viruses	1. Import as virus-tested plantlets or seedlings in sterile culture and/or 2. Growth in post entry quarantine
Pepper	Piper	Stunting disease	1. Growth in post entry quarantine APPPC*
Pineapple	Ananas	Tomato spotted wilt virus Nematodes	1. Growth in post entry quarantine APPPC*

Common Name	Genera or species	Quarantine pests*	Prohibitions & conditions for import
Potato	Solanum	Spindle tuber viroid Andean potato latent virus Potato blackring virus Wart ( <i>Synchytrium endobioticum</i> ) Nematodes ( <i>Globodera spp.</i> ) Potato spindle tuber viroid Potato viruses Skin spot ( <i>Polystalium pustulans</i> ) Bacterial ringrot ( <i>Corynebacterium sepedonicum</i> )	1. Import as virus tested plantlets or seedlings in sterile culture and/or 2. Growth in post entry quarantine APPPC*
Rice	Oryza	White tip nematode ( <i>Aphelenchoides besseyi</i> ) Bacterial leaf blight ( <i>Xanthomonas oryzea</i> ) Bacterial leaf streak ( <i>Xanthomonas translucens fs. oryzicola</i> )	1. Hot water treatment 2. Fungicidal seed dressing APPPC*
Rubber	Hevea	South American leaf blight ( <i>Microcyclus ulei</i> )	1. Growth in post entry quarantine Prohibited from South America APPPC*
Rubber	Hevea	South American leaf blight ( <i>Microcyclus ulei</i> )	APPPC*
Sorghum	Sorghum	Downy mildews ( <i>Sclerospora spp.</i> <i>Sclerospora macrospora</i> )	1. Hot water treatment 2. Fungicidal seed dressing APPPC*
Soybean	Glycine	Soybean dwarf virus Soybean mosaic virus Purple blotch ( <i>Cercospora kikuchii</i> ) Anthracnose ( <i>Colletotrichum truncatum</i> ) Downy mildew ( <i>Pernospora manshurica</i> )	APPPC*
Strawberry	Fragaria	Strawberry viruses	1. Growth in post entry quarantine
Sugarcane	Saccharum	Fiji disease virus Sugarcane mosaic virus Leaf scald ( <i>Xanthomonas campestris pv. albineans</i> ) Gummosis ( <i>X. campestris pv. vasculorum</i> ) Downy mildew Chlorotic streak virus Grassy shoot mycoplasma	1. Hot water treatment 2. Growth in post entry quarantine APPPC*



Common Name	Genera or species	Quarantine pests*	Prohibitions & conditions for import
Sweet potato	Ipomea	Sweet potato witches' broom mycoplasma Sweet potato internal cork virus Sweet potato mosaic virus Blackwood	1. Import as virus tested plantlets or seedlings in sterile culture and/or 2. Growth in post entry quarantine APPPC*
Taro	Alocasia Colocasia Xanthosoma	Alomae and bobone Dasheen mosaic virus	1. Import as virus tested plantlets or seedlings in sterile culture and/or 2. Growth in post entry quarantine APPPC*
Tea	Camellia	Blister blight ( <i>Exobasidium vexans</i> ) Phloem necrosis virus Root lesion nematode ( <i>Pratylenchus loosi</i> )	1. Prohibit from countries where <i>Exobasidium reticulatum</i> and phloem necrosis occur 2. Surface sterilise (Cu) and spray Calixin 3. Growth in post entry quarantine 4. Fungicidal soak APPPC*
Tobacco	Nicotiana	Blue mould ( <i>Pernospora tabacina</i> )	1. Hot water treatment 2. Fungicidal seed treatment APPPC*
Tomato	Lycopersicon	Bacterial canker ( <i>Corynebacterium michiganense</i> )	1. Hot water treatment APPPC*
Yam	Dioscorea	<i>Fusarium oxysporum</i> Virus diseases Rusts	1. Import as virus tested plantlets or seedlings in sterile culture and/or 2. Growth in post entry quarantine APPPC*

Quarantine pest\* : pest for which additional declaration of freedom required on Phytosanitary Certificate.

APPPC\*: Asia and Pacific Plant Protection Commission has recommended treatment.

## CHAPTER II Schedule III b

### Restrictions on seed for planting

Common Name	Genera or species	Quarantine pests*	Prohibitions & conditions for import
Apricots and other stone fruits	Prunus	Prunus necrotic ringspot virus Prunus dwarf virus	
Avocado	Persea	Avocado sunblotch viroid	
Barley Oats Rye Triticale Wheat	Hordeum Avena Secale Triticum	Ergot ( <i>Claviceps purpurea</i> ) Dwarf bunt ( <i>Tilletia contraversa</i> ) Spikelet rot ( <i>Pseudomonas atrofasciens</i> )	1. Fungicide seed dressing
Bean	Phaseolus	Halo blight ( <i>Ps. phaseolicola</i> ) Common blight ( <i>Xanthomonas phaseoli</i> ) Wilt ( <i>Corynebacterium flaccumfaciens</i> )	
Cassava	Manihot	Bacterial blight ( <i>Xanthomonas campestris pv. manihotis</i> )	1. Hot water treatment 2. Fungicide seed dressing APPPC*
Chillies	Capsicum	Phytophthora blight ( <i>Phytophthora capsici</i> )	Fungicidal seed dressing
Citrus (mandarins, oranges, lemons, limes, kumquat)	Citrus F: rutaceae		1. Growth in post entry quarantine

Quarantine pest\* : Pest for which additional declaration of freedom required on Phytosanitary Certificate

APPPC\* : Asia and Pacific Plant Protection Commission has a recommended treatment

## CHAPTER II Schedule IV a

### Restrictions on import of forestry tree species and conditions for import

Sl. No.	Common Name	Genera or species	Quarantine pests	Prohibitions and conditions for import
1.	Pine	<i>Pinus spp.</i>	<ol style="list-style-type: none"> <li>1. <i>Bursaphelenchus xylophilus</i> (Pinewood nematode)</li> <li>2. <i>Monochamus sutor</i> (Long horn beetle, vector of pinewood nematode, Coleoptera, cerambycidae)</li> <li>3. <i>Tomicus pinipreda</i> (Pine shoot beetle, Coleoptera, Scolytidae)</li> <li>4. <i>Cronartium ribicola</i> (White pine blister rust)</li> <li>5. <i>Fusarium subglutinans</i> f. sp. <i>Pini</i> (<i>Giberella fujikoroii</i> var. <i>subglutinans</i>) (Pine pitch canker)</li> </ol>	<p>Pine wood nematode and its vector free certificate for packing materials of pine wood.</p> <p>Pine wood nematode and its vector free certificate for packing materials of pine wood.</p> <p>Pine shoot beetle free certificate for Christmas trees, logs and pine nursery stock.</p> <p>White pine blister rust free certificate for planting materials of pines and poles.</p> <p>Planting material including seeds and packing material of pinus species should be free from pitch canker and its vector.</p>
2.	Blue pine	<i>Pinus wallichiana</i>	6. <i>Ips schmutzenhoferi</i> (Eastern Himalayan bark beetle), Coleoptera, scolytidae	Import of debarked logs and poles, bark beetle free.
3.	Spruce	<i>Picea spinulosa</i>	7. <i>Ips schmutzenhoferi</i> (Eastern Himalayan bark beetle), Coleoptera, scolytidae	Import of debarked logs and poles, bark beetle free.
4.	Willow	<i>Salix babylonica</i>	<i>Anoplophora glabripennis</i> (Asian long horn beetle) Coleoptera, cerambycidae	Insect free certificate

Sl. No.	Common Name	Genera or species	Quarantine pests	Prohibitions and conditions for import
5.	Elm	<i>Ulmus sp.</i>	1. <i>Scolytus scolytus</i> (vector of Dutch elm disease). Coleoptera, scolytidae  2. <i>Ophiostoma ulmi</i> (Dutch Elm disease)	Insect and disease free certificate  Insect and disease free certificate
6.	Oak	<i>Quercus sp.</i>	<i>Ceratocystis fagacearum</i> (Oak wilt and die back)	Insect and disease free certificate.
7.	Sandal wood Toona Wattle Eucalyptus Alder Poplar Robinia Elm Angu Oak Mulberry Baer -	<i>Santalum album</i> <i>Toona ciliata</i> <i>Acacia sp.</i> <i>Eucalyptus sp.</i> <i>Alnus sp.</i> <i>Populus sp.</i> <i>Robinia sp.</i> <i>Ulmus sp.</i> <i>Fraxinus sp.</i> <i>Quercus sp.</i> <i>Morus sp.</i> <i>Ziziphus sp.</i> <i>Paulownia sp.</i>	Mycoplasma and allied diseases	Mycoplasma and allied diseases free certificate.

## List of Endemic pests and parasites of quarantine importance within Bhutan.

Sl. No.	Common name	Genera or species	Quarantine Pests	Precautionary measures to be taken
1.	Spruce Blue Pine	<i>Picea spinulosa</i> <i>Pinus wallichiana</i>	<i>Ips schmutzenhoferi</i> (Eastern Himalayan Bark beetle) Coleoptera, scolytidae  2. <i>Arcethobium minutissimum</i> (Blue pine dwarf mistletoe) and <i>Arcethobium pini</i> (Spruce dwarf mistletoe)	Transportation of logs and poles with bark should be prohibited.  Infested logs/poles or branches should not be permitted.

Note: *Arcethobium minutissimum* occurs in the western region and can be observed in trees upto the Yusipang catchment area. It has not been observed beyond Dochula.

## CHAPTER II, Schedule IV b

### Protected species for import and export.

#### Totally protected species for export

Plant species listed in Schedule 1 of the Forest and Nature Conservation Act, 1995 and Rules issued thereof are totally protected and export of such species is banned.

Sl. No.	Local name	Common name	Scientific name
1.	Agar / Agaru	Eagle wood / Indian aloe wood	<i>Aquilaria malaccensis</i>
2.	Yartsa-guenboop	Chinese caterpillar	<i>Cordyceps sinensis</i>
3.	Pang-gen metog		<i>Gentiana crassuloides</i>
4.	Snow down lily		<i>Lloydia yunnanensis</i>
5.	Tsher-ngeon	Blue poppy	<i>Meconopsis grandis</i>
6.	Kirang-shing	Yew	<i>Taxus baccata</i>
7.	Bhreeng-gee re-dza	Ginseng	<i>Panax pseudo ginseng</i>

#### Totally banned for import

Import and raising of Eucalyptus sp. has been totally banned in the country.

## CHAPTER III

### IMPORT OF PLANT PRODUCTS

1. The Minister under the powers conferred by Sections 5(1)a, 5(1)c and 5(2) of the Plant Quarantine Act hereby declare that the following plant products and other goods be prohibited entry unless subject to the conditions otherwise specified in this Chapter.

2. All imports of plant products and goods must be inspected on arrival to verify freedom from pests, and may require additional treatments to remove pest risk if found infected.

3. Coffee beans - import prohibited from Sri Lanka, Africa, South America, Central America and the Caribbean; Phytosanitary Certification of freedom from coffee berry borer (*Hypothenemus hampei*) required.

Cotton - imports of cotton from America and the West Indies subject to mandatory treatment.

Paddy/ Rice for consumption - certification of freedom from Granary weevil (*Sitophilus granarius*)

Tobacco, unmanufactured - certification of freedom from tobacco moth (*Ephestia elotella*)

Wheat for consumption - certification of freedom from ergot (*Claviceps purpurea*), Dwarf bunt (*Tilletia contraversa*), Karnal Bunt (*Tilletia indica*) and granary weevil (*Sitophilus granarius*).

4. Other plant products and non plant products, such as used agricultural machinery, which may be contaminated with soil or infested with pests are subject to inspection and to such cleaning as may be necessary to eliminate any quarantine risk.

5. Notwithstanding any prohibitions in these regulations the import of plant products from India may be permitted except where internal quarantine has been imposed for inter state movement by the Indian Plant Quarantine Service.

**CHAPTER IV**  
**IMPORT OF SOIL**

1. The Minister under the powers conferred by Sections 5(1)c and 5(2) of the Plant Quarantine Act declares that soil is a prohibited material, except that import may be permitted under the following general conditions -
  - a. The entry of soil is limited to consignments for The Royal Govt. of Bhutan Ministries and Agencies, and is subject to the approval by the Minister, Ministry of Agriculture.
  - b. Imports must be destined for recognized scientific and research laboratories.
  - c. Entry is limited to small samples
  - d. The soil must be shipped in sturdy, tightly sealed containers,
  - e. The soil must only be used in a laboratory under the conditions set out in the permit,
  - f. The soil must be sterilized or otherwise treated to remove the quarantine risk at the conclusion of the tests.

**CHAPTER V**  
**IMPORT OF FRESH FRUIT AND VEGETABLES**

1. The Minister under the powers conferred by Sections 5(1)c and 5(2) of the Plant Quarantine Act of Bhutan, 1993 declares that the import of fresh fruit and vegetables into Bhutan is prohibited except by permit. Fresh fruit and vegetables include all edible portions of food plants in the raw and unprocessed state.
2. No permit is required for the import of dried, frozen, processed or candied fruits and vegetables that have been prepared in such a manner as to make them unsuitable for propagation and/or innocuous as pest carriers .
3. Specific prohibitions with regards to fruit flies of quarantine importance to Bhutan and their distribution are given in Schedule I of Chapter IV.
4. Notwithstanding any prohibitions in these Regulations import of fresh fruits and vegetables from India may be permitted without an import permit unless quarantine risk is suspected or notified.

## CHAPTER V Schedule I

### Fruit flies of quarantine importance, hosts and distribution

<u>Quarantine pest</u>	<u>Host</u>	<u>Distribution</u>
<i>Anastrepha fraterculus</i>	Peach, guava, citrus	Central & S. America
<i>A. ludens</i>	Citrus	Central America
<i>A. mombinpraeotans</i>	Guava and mango	Central & S. America
<i>Batrocera tsuneonis</i>	Citrus	China & Japan
<i>Ceratitis capitata</i>	Citrus and peach	Widespread
<i>C. catoirii</i>	Guava and others	Mauritius & Reunion
<i>C. cosyra</i>	Mango	Africa
<i>Ceratitis rosa</i>	Citrus, Chilli, Guava, Papaya, Peach	Africa, Mauritius & Reunion
<i>Daucus ferrugineus</i>	Papaya	Malaysia
<i>D. oleae</i>	Olive	Mediterranean & Africa
<i>D. tryoni</i>	Various	Australia (Q & NSW)
<i>D. umbrosus</i>	Passionfruit	Malaysia
<i>Pardalaspis cyanescens</i>	Tomato	Madagascar
<i>P. quinaria</i>	Citrus & guava	Africa
<i>Rhagoletis cerasi</i>	Cherry	Europe
<i>R. cingulata</i>	Cherry	North America
<i>R. completa</i>	Peach & Walnut	USA
<i>R. fausta</i>	Cherry	North America
<i>R. pomonella</i>	Apple	North America



## **CHAPTER VI**

### **IMPORT OF PLANT PESTS**

- 1.** The Minister under the powers conferred by Sections 5(1) and 5(2) of the Plant Quarantine Act declares that the import of any plant pest, whether a quarantine plant pest or a notifiable plant pest, into Bhutan is prohibited except by special permit issued by the Quality Control and Regulatory Services, Ministry of Agriculture.
- 2.** Entry will be limited to imports issued to and destined for recognized Royal Government of Bhutan scientific and research agencies and will be subject to approval from the Minister, Ministry of Agriculture.
- 3.** The conditions of import will be consistent with the safeguards necessary to protect the crops of Bhutan from the establishment of the pest, other than the deliberate import for biological control of an already established pest.
- 4.** A pest is defined as any form of plant or animal life, or any pathogenic agent, injurious or potentially injurious to plants or plant products.

## **CHAPTER VII**

### **EXPORT INSPECTION REGULATION**

- 1.** The Minister under the powers conferred by Section 6 (g) of the Plant Quarantine Act authorizes Quality Control and Regulatory Services inspectors duly appointed under the Act to inspect and examine and otherwise treat plants or plant products and goods offered for export.
- 2.** After examination the inspector may issue a certificate indicating the freedom of the plants, plant products or goods from injurious pests according to the import regulations of the importing country
- 3.** The permit requirements shall be that in general accordance with the International Plant Protection Convention of 1951 as amended in 1979, as indicated in Annexure III and the application format for the phytosanitary certificate is in Annexure IV.

## CHAPTER VIII

### FEES FOR SERVICES, INSPECTION AND TREATMENT

1. The Minister under the power conferred by Section 5 (1) i of the Plant Quarantine Act may prescribe fees for the various services rendered during import inspection and phytosanitary certification for export as follows:

- |  |   |
|--|---|
| a) Issue of import permit                  | : Nu. 5.00                                    |
| b) Issue of Phyto-sanitary certificate     | : Nu. 5.00                                    |
| c) Inspection of seeds                     | : Nu. 20.00 per sample                        |
| d) Inspection of plants                    | : Nu. 2:00 per plant                          |
| e) Growth in post entry quarantine station | : Nu. 5:00 per plant                          |
| f) Treatment                               | : Actual cost of chemicals + handling charges |
| g) Destruction                             | : Actual cost of fuel + handling charges      |

The fees will be paid to the authorized inspector of the Quality Control and Regulatory Services office who will issue an official receipt for the same.

## CHAPTER IX

### PENALTIES AND FINES

1. The Minister under the powers conferred by Section 6 (a) and 8 of the Plant Quarantine Act of Bhutan, 1993 declares that violation of the Act will result in imprisonment by the court of justice and/or imposition of fines. The QCRS inspector is authorized to collect the fine and issue a revenue receipt to the offender.
2. Importing of plants, plant products, seeds, soil, pests etc without an import permit will result in Nu. 100.00 per plant/100 gm plant product/10 gm seed/ 1gm soil/ 1 pest towards fine, the consignment intercepted and examined for release or destruction. Fees will be levied as per Chapter VIII of the Plant Quarantine Rules for release.
3. Failure to declare plants or related products at the entry points will be charged with a fine of Nu.3000.00 for the first time and Nu. 5000.00 for the second time. Repeated violation will result in the case being forwarded to the court of justice as per Section 8 of the Plant Quarantine Act of Bhutan, 1993.
4. Any person who is guilty of altering, forging, counterfeiting or destroying of a permit or certificate issued by the authorized agency will be guilty of an offence and shall be presented to the court of justice. Fines ranging from Nu. 5000 to Nu.50,000.00 and/or imprisonment up to 6 months depending upon the severity of the act will be imposed upon the offender as per Section 8 of the Plant Quarantine Act of Bhutan, 1993.

5. Any person who physically or verbally assaults an inspector and impedes or obstructs the work of an inspector will be guilty of offence and will be handed over to the Royal Bhutan Police and dealt with as per the Laws of the Kingdom.

## **CHAPTER X**

### **MISCELLANEOUS PROVISIONS**

#### **1. Amendments**

The Ministry may amend the provisions of the Rules and Annexures adopted under these Rules at any time.

#### **2. Validity**

In the event that one or more provisions of these Rules are, for any reason invalidated, the remaining provisions shall continue in full force and effect.

#### **3. Prior notifications**

Except as discussed herein, all prior notifications relating to matters examined in these Rules are revoked unless ratified or re-adopted by the Department as part of the other enactment examined above.

**APPLICATION FOR ISSUE OF IMPORT PERMIT**

To,

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I/We, the exporter / the authorized agent of the exporter, herewith submit an application for issuance of permit to import the following plant materials :

Name and Address of Applicant  
:  
(alongwith telephone number)

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Details of consignment

Sl.No.	Common name	Scientific name	Variety	Quantity

Purpose of importation : \_\_\_\_\_

Origin or source of plants : \_\_\_\_\_

Address of supplying agency : \_\_\_\_\_

Means of conveyance : \_\_\_\_\_

Place of entry : \_\_\_\_\_

Final Destination : \_\_\_\_\_

Expected date of arrival : \_\_\_\_\_

\_\_\_\_\_  
Signature of applicant  
(with seal)

**IMPORT PERMIT FOR PLANTS/PLANT PRODUCTS**

<b>Importer</b>	<b>Exporter</b>
<b>Entry point</b>	<b>Country of Origin</b>
<b>Botanical Name</b>	<b>Common Name/Variety      Quantity(Wt/No.)</b>
<b>Final Destination</b>	<b>Expected date of arrival</b>
<p><b>General Entry Conditions</b>                  The Consignment of plants/plant products should be:                  (i) Free from soil, weed seeds and other contaminants                  (ii) Accompanied by an official Phytosanitary Certificate.</p>	
<p><b>Special Entry Conditions/Additional Declaration</b></p>	
<p><b>PEQ Requirements</b></p>	
<p><b>Date of Issue</b></p>	
<p><b>Valid until</b></p>	
<p><b>Place of Issue</b></p>	<p><b>Name and Signature of Authorized Officer</b></p>

**APPLICATION FOR ISSUE OF PHYTOSANITARY CERTIFICATE**

To,

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I/We, the exporter/authorized agent of the exporter, herewith submit an application for inspection and certification for export of the goods described hereunder:

Name and address of Exporter : \_\_\_\_\_  
(along with telephone number) \_\_\_\_\_  
Name and address of Consignee : \_\_\_\_\_  
Commodity name (Common / Scientific) : \_\_\_\_\_  
Quantity (Specify Unit) : \_\_\_\_\_  
Description and number of packages : \_\_\_\_\_  
Distinguishing marks (If any) : \_\_\_\_\_  
Country of origin and place of loading : \_\_\_\_\_  
Country of import and place of unloading : \_\_\_\_\_  
Means of conveyance : \_\_\_\_\_  
Departure date : \_\_\_\_\_  
Date and place of inspection desired : \_\_\_\_\_  
Import permit number. (If any) : \_\_\_\_\_  
Additional declaration / treatment if any : \_\_\_\_\_  
Purpose of export : \_\_\_\_\_

**Declaration**

1. I/We the exporter/Authorized agent of the exporter declare that the information furnished in this form, to the best of our knowledge and belief, is true, correct and complete in every respect.
2. I/We shall carry out the instructions given by the Plant Quarantine Officials of the QCRS in connection with inspection/fumigation/treatment and issue of Phytosanitary Certificate.
3. I/We shall provide any relevant information ad related documents connected with export of consignment and issue of Phytosanitary Certificate.

Date: \_\_\_\_\_  
Place: \_\_\_\_\_

\_\_\_\_\_  
Signature of exporter  
(with seal)

## PHYTOSANITARY CERTIFICATE

No.

From : Plant Protection Organization of		To : Plant Protection Organization(s) of
<b>I. DESCRIPTION OF CONSIGNMENT</b>		
Name and address of exporter		Declared name and address of consignee
Number and description of packages		Distinguishing marks
Place of Origin	Declared means of conveyance	Declared point of entry
Name of produce and quantity		Botanical name of plants
<p>This is to certify that the plant and 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.</p>		
<b>II. ADDITIONAL DECLARATION</b>		
<b>III. DISINFESTATION AND / OR DISINFECTION TREATMENT</b>		
Treatment Date:		Treatment :
Chemical (Active ingredients):		Duration & Temperature:
Concentration:		Additional Information:
Date Inspected		Name and Signature of Authorized Officer.
Date Issued		
Place of Issue		