



SWAZILAND

GOVERNMENT GAZETTE

EXTRAORDINARY

VOL. XIX]

MBABANE, Friday, September 11th, 1981

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SUPPLEMENT TO
THE
SWAZILAND GOVERNMENT
GAZETTE
EXTRAORDINARY

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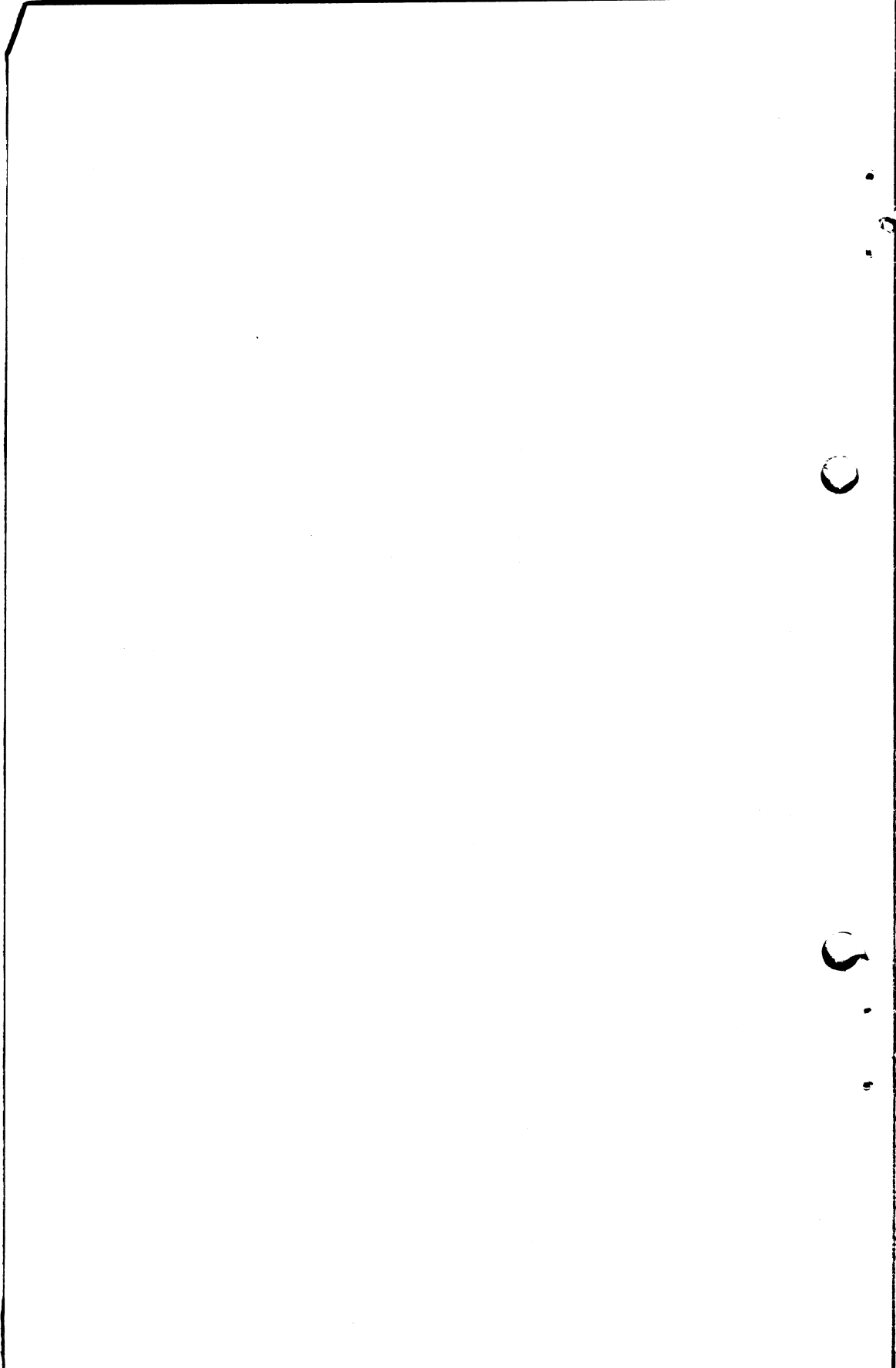
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PART C — LEGAL NOTICES

7. The Plant Control Act, 1981 S1



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THE PLANT CONTROL ACT, 1981

(Act No. 7 of 1981)



I ASSENT

SOBHUZA II
King of Swaziland

9th. September, 1981

AN ACT

entitled

An Act to provide for the control, movement and growing
of plants and matters incidental thereto.

ENACTED by the King and the Parliament of Swaziland.

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PART I PRELIMINARY

Short title and commencement.

1. This Act may be cited as the Plant Control Act, 1981, and shall come into operation on, such date as the Minister may, by Notice in the Gazette, appoint.

Interpretation.

2. In this Act, unless the context otherwise requires,

“alien animal” means any vertebrate member of the animal kingdom which is not indigenous or native to Swaziland and includes any cattle, sheep, goat, horse, donkey, mule, pig, rabbit, dog and cat or any poultry or the egg of any poultry;

“board” means the Nursery Registration Board established under Section 3;

“customs officer” means an officer acting under the controller as defined in the Customs, Fiscal Excise and Sales Duties Act, 1971;

“dealer” means any person dealing in goods of any kind whatsoever in retail or wholesale quantities;

“hardwood” means any tree belonging to the Angiosperm group of plants;

“honey” means honey, whether or not in combs, and includes pollen collected by a honey bee and any preparation or product consisting wholly or partly of honey;

“insect” means any live or dead invertebrate member of the animal kingdom (irrespective of the stage of its development), but does not include bona fide mounted insect collections or material intended solely for study;

“inspector” means an officer to whom the Minister of Agriculture has in writing either generally or specially, assigned any duty under this Act, and shall normally include the Chief Research Officer and Plant Pathologist of the Malkerns Research Station, officers designated by the Swaziland Sugar Association, and all customs officers, police officers and police inspectors;

“live stage” in relation to woodborer includes the imago (adult or beetle) egg, larva (worm) or pupa (chrysalis) stage;

“Minister” means the Minister responsible for Agriculture;

"mushrooms" means non-poisonous edible fungi classified under the Agaricaceae and Polyporaceae;

"noxious weed" means any weed specified in the First Schedule to this Act, and any other plant which the Permanent Secretary may declare by notice in the Gazette to be a noxious weed;

"nursery" means any premises where plants or mushrooms are produced for sale and are intended not for immediate consumption but for outside distribution and further growth;

"occupier" in relation to land or premises means the person who is the owner or lessee of the land or premises or otherwise has the right of management, care, control or use of the land or premises;

"owner" in relation to land or premises means —

- (i) the person in whose name the land is registered or, if such person is absent from Swaziland or his whereabouts are unknown, his agent, tenant, lessee or legal representative in the Kingdom of Swaziland;
- (ii) in the case of land under the control of a local authority, that local authority;

"owner" in relation to a nursery means the person in whose name the nursery is registered.

"Permanent Secretary" means the Permanent Secretary of the Ministry responsible for Agriculture or any other person authorized by him under this Act;

"plant" means any tree, shrub or vegetation, and includes the fruit, leaves, cuttings or bark of such a plant and any live portion of such a plant, whether severed from or attached to it, and any dead portion or any product of such a plant, but does not include the refined products of such a plant, unless the Minister has declared such product to be a plant;

"plant disease" means any infection from a fungus, bacterium, virus, mycoplasma, spiroplasma or other pathogen to which plants are subject;

"police officer" means a member of the Royal Swaziland Police;

"sell" includes offer, advertise, keep, display, dispatch, convey or deliver for sale or exchange, or dispose of for any consideration whatsoever, or dispatch, convey or deliver in pursuance of a sale, exchange or disposal as aforesaid;

"timber" means all wood contained in trees, whether standing, fallen or felled, and all wood whether sawn, split, hewn, planed or otherwise fashioned or processed;

"trader" means any person dealing in plants or plant products;

"weed inspector" means any person authorized by the Permanent Secretary to perform the duties of an inspector under this Act, and shall further include the Permanent Secretary or his delegate as chief weed inspector, all animal health inspectors and road inspectors.

"woodborer" means any insect, including termites and beetles, the nymph (or larva) and/or the imago (adult) stage of which bores into or feeds on wood.

PART II GENERAL PROVISIONS

NURSERY REGISTRATION, QUARANTINE, PLANT DISEASE AND PEST CONTROL

Nursery Registration Board, its composition and functions.

3. (1) There is hereby established a Nursery Registration Board (hereinafter referred to as "the Board") which shall consist of —

- (a) the Permanent Secretary, who shall be the Chairman;
- (b) the Director of Agriculture;
- (c) the Chief Forestry Officer;
- (d) the Chief Research Officer;
- (e) the Curator of the National Herbarium;
- (f) the Plant Pathologist;
- (g) a representative of the Swaziland National Trust Commission.

(2) Subject to Section 6 of this Act:

- (a) Every person who is the owner or occupier of a nursery shall, within three months of the coming into operation of this Act, apply in writing for the registration of his nursery and thereafter, unless his registration is sooner revoked every person managing a registered nursery shall pay a prescribed annual fee before the 31st December in each year.
- (b) Every person who intends to establish a nursery shall apply to the Board for registration of the nursery.

(3) All applications made under subsection (2) shall be accompanied by the prescribed fees and shall contain the following particulars —

- (a) the full name and postal address of the owner or occupier;
- (b) the full name and postal address of any person other than the occupier to whom communications in respect of the nursery are to be transmitted by the Permanent Secretary;
- (c) the exact situation of the nursery;
- (d) the name under which this nursery is to be registered;
- (e) the approximate area under cultivation for the purpose of the nursery;

- (f) whether the proposed nursery is situated on freehold or Swazi Nation Land, and, in the latter case, whether the permission of the Chief has been sought and obtained;
- (g) whether the applicant has previous experience of running a nursery;
- (h) the proposed date of occupancy and commencement of business;
- (i) the approximate quantity of the different descriptions of the nursery stock classified under the headings:
 - (i) Citrus fruit trees;
 - (ii) Deciduous and other fruit trees, including mangoes and guavas;
 - (iii) Vines;
 - (iv) Forest and shade trees;
 - (v) Hedge plants;
 - (vi) Rose plants;
 - (vii) Hardy ornamental plants;
 - (viii) Greenhouse and other tender plants;
 - (ix) Palms;
 - (x) Gramineae and pasture plants;
 - (xi) Other plants including indigenous flora;
- (j) the approximate quantity of each class of plants in the nursery which are expected to be ready for disposal within twelve months from the date of the application and those which are not yet ready.

Cancellation of registration.

4. If the Board is satisfied that an owner or occupier of a nursery:

- (a) has failed to comply with any condition to which the registration of the nursery is subject;
- (b) has failed to carry out an order given under Section 33;
- (c) has lifted, removed or destroyed or has caused to be lifted, removed or destroyed, or has interfered with any dead or living plant in or from the quarantine area of the nursery;
or
- (d) is guilty of an offence in terms of Section 49,

the Board may, on conviction of that person for an offence under this Act, cancel the registration in question.

Sale of plants.

5. (1) No person shall sell any plant from a nursery unless —

- (a) the nursery is registered under section 3 or has, under that section, been exempted from registration by the Permanent Secretary either generally or specially by notice in the Gazette;
- (b) the name and address of the nursery where it was grown, are legibly and durably affixed to the plant or the container in which it grows or is packed;
- (c) the Plant Pathologist is satisfied that adequate phytosanitary treatment of plants and containers has been carried out, and that written evidence of this is available upon request.

(2) Any person who fails to comply with the requirements of Subsection (1) shall be guilty of an offence.

(3) The Board may impose any further conditions it considers appropriate in registering a nursery or on the sale of plants from any nursery, whether such nursery is registered or not.

Exemption from registration.

6. The provisions of Section 3 shall not apply to premises whereon are grown only seedling transplants of garden flowers and vegetables, ferns, spineless cactus, cut flowers, sugarcane grown as seed cane for planting into commercial sugarcane fields by quota holders registered under the Swaziland Sugar Industry Agreement (1967), and to poles, fencing posts and other parts of plants that are evidently not intended to be sold on a regular commercial basis, and where the owner or occupier of the premises is not registered as a trader.

Inspection and quarantining of nurseries.

7. (1) Any inspector may, at any time, enter upon any nursery or land adjacent thereto and inspect the same and the plants therein and take such steps as may be necessary to determine whether or not any insect pest or plant disease is present.

(2) If, upon any such inspection the inspector is satisfied that any plant is infected with an insect pest or plant disease, the Plant Pathologist may in writing, delivered or transmitted by post to the occupier, declare the whole or any special area thereof to be quarantined for a specified period.

(3) No person other than an inspector, shall, without a permit in writing from the Plant Pathologist, remove or cause to be removed any plant from a quarantined area of a nursery;

Provided that a plant may, for the purpose of its destruction or treatment, be removed from any such quarantine area under such conditions or restrictions and to such place as the Permanent Secretary may prescribe.

(4) No stake, peg, tag or other mark placed by or on the order of an inspector in or near a quarantine area shall be removed or otherwise interfered with without the permission of the Permanent Secretary, and if the provisions of this subsection are contravened by any person, the person registered in respect of the nursery shall be

deemed to be the contravener and shall be guilty of an offence unless he proves to the satisfaction of the court that he forbade the act or omission constituting the contravention.

Lifting of quarantine from a nursery.

8. (1) If any area of a nursery is quarantined under section 7 for a specified period the owner or occupier may apply in writing to the Permanent Secretary for the removal of the quarantine. The Permanent Secretary shall cause a further inspection to be made and, if it is deemed expedient, the quarantine may be lifted by written notice which shall be delivered or transmitted by post to the owner or occupier.

(2) In respect of each application for inspection of a nursery under this section, the occupier shall pay to the Permanent Secretary a fee of five emalangeni.

Quarantine of premises, other than a nursery.

9. The Permanent Secretary may, in writing, empower generally or specially any inspector to enter upon any land or building containing growing plants, other than a nursery and inspect whether upon these premises there is any insect pest or plant disease, and if any such inspector suspects or discovers upon such premises the existence of any insect pest or plant disease, he may by notice in writing to the owner or occupier of the premises, stating the nature of the pest or disease, declare the whole or any part of the premises to be quarantined for a specified period. The provisions of section 7 (3) and (4), and sections 8, 10 and 11 shall *mutatis mutandis* apply to any area quarantined in terms of this section:

Provided that when any quarantine has been imposed, the Permanent Secretary may at any time cause a further inspection to be made within a period of four weeks, and may order the quarantine to be lifted.

Disinfection of plants.

10. (1) The owner or occupier of a nursery shall, when required by written notice from the Permanent Secretary, or inspector, permit the supervision of any premises and provide facilities, labour and chemicals for the disinfection of any plant immediately prior to despatch thereof from a nursery.

(2) Any person who fails to comply with the requirements of a notice under subsection (1) shall be guilty of an offence.

Destruction of plants.

11. (1) The Permanent Secretary may destroy, or order the destruction of any plant which is (a) in a nursery and is infected or liable to be infected with any insect pest or plant disease deemed by him to be specially dangerous; and (b) diseased or infected sugarcane as determined by the Swaziland Sugar Association to constitute a danger to the sugar industry in terms of clause 12 (2) of the Swaziland Sugar Industry Agreement (1967), and in such locality, farm or part of a farm as may from time to time be identified by the Swaziland Sugar Association.

(2) If the occupier fails to comply with an order made by the Permanent Secretary in terms of subsection (1) hereof, he shall be guilty of an offence. The Permanent Secretary shall be entitled to take such steps as may be necessary to carry out the destruction as provided for herein and recover the cost thereof from the occupier.

PART III

INSECTS, PLANT DISEASES AND ALIEN ANIMALS
IN PROCLAIMED AREA

Areas in which the cleansing or destruction of plants, insects and plant diseases and treatment and destruction of alien animals shall be compulsory.

12. (1) If it is necessary that the cleansing or destruction of any plant infected with any insect or plant disease or the destruction of any alien animal be made compulsory in any area, the Permanent Secretary may by notice in the Government Gazette declare that area to be an area in which the cleansing or destruction of plants infected with the insect or plant disease in question or the treatment or destruction of the alien animal in question, shall be compulsory for the owners and occupiers of land, premises and nurseries situated within that area, and may prescribe the method to be used in the cleansing or destruction of plants or the treatment or destruction of any alien animal.
- (2) The provisions of Section 9 shall *mutatis mutandis* apply with reference to land or premises quarantined under this section.
- (3) The Permanent Secretary may from time to time and in like manner withdraw any notice issued under Subsection (1) or suspend such notice for such period as he may deem fit or in relation to such portion of the area as he may specify.

Occupiers to carry out cleansing operations in proclaimed area.

13. (1) Whenever an area has under section 12 been declared an area in which the cleansing or destruction of any plant or the destruction of any alien animal is compulsory, every occupier of land, premises and nurseries situated within that area shall carry out such cleansing operations or destruction as may be necessary for the eradication of the insect, plant diseases or alien animals referred to in the relevant notice.
- (2) If the owner or occupier of land, premises or a nursery fails within the prescribed period to comply with the provisions of section 12 (1) or section 31 (2) hereof the Permanent Secretary shall carry out such cleansing and destruction at the cost of the owner or occupier.

PART IV

IMPORTATION OF PLANTS, PLANT DISEASES, INSECTS AND
ALIEN ANIMALS

Prohibited material and material requiring a permit.

14. (1) No person shall import into Swaziland any items listed in the First Schedule.
- (2) No person, without a permit or otherwise in accordance with the conditions attached to a permit issued by the Permanent Secretary or any other officer specially authorized by him for the purpose, shall import into Swaziland any items listed in the Second Schedule.

Material imported from South Africa (excluding that in transit from another territory)

15. (1) No person shall without a permit import into Swaziland any of the items listed in the Third Schedule.
- (2) The items listed in the Fourth Schedule hereof may be imported into Swaziland without a permit provided that they are for personal use or consumption and not for sale.

Application for permits to import plants into Swaziland. (See Sixth Schedule)

16. (1) An application for a plant import permit may be made to the Plant Pathologist in the Ministry of Agriculture or may be sent in writing to the Permanent Secretary, and shall contain the following particulars:
- (a) the full name, and residential address of the applicant;
 - (b) the name and address of the person from whom it is proposed to obtain the plants;
 - (c) the botanical names or the generally accepted popular names and the varietal names of the plants and the number of each variety which it is desired to import;
 - (d) the mode of consignment, whether by post or otherwise, and if not by post, the point of entry through which the plants are to be introduced into Swaziland;
 - (e) a valid export permit from the country concerned if any endangered or protected species are being exported from that country;
 - (f) a valid phytosanitary certificate when required, as well as additional documents mentioned in the Schedules to this Act;
 - (g) the exact locality in Swaziland where it is proposed to grow the plants; and
 - (h) any other particulars which the Permanent Secretary may require.
- (2) The detailed conditions governing the importation of plants shall normally apply as set out in the Schedules, but the Plant Pathologist may use his discretion in their application.
- (3) A plant import permit will normally cover a single entry but a multiple entry permit can be issued if desired. There will be no fee for this permit.
- (4) A plant import permit for citrus material will only be issued after a separate permit has been issued by the Swaziland Citrus Board.
- (5) In the case of importation of plants indigenous to Southern Africa, no plant import permit will be issued unless the application is accompanied by authority in writing by the Swaziland National Trust Commission. The importation or attempted importation of indigenous plants and those protected by the Convention on Internationally Endangered Species of Wild Fauna and Flora without such permission from the Commission shall be an offence.

Entry and inspection of plants on arrival.

17. (1) All importations shall be by post or rail or through
- (a) The inland points of entry of Bulembu (Josefsdal), Gege (Botha's Hoop), Ingwavuma, Lavumisa (Gollel), Lomahasha, Mahamba, Mananga (Bordergate), Matsamo (Jeppe's Reef), Mhlumeni (Goba), Ndlozane, Ngwenya (Oshoek), Ntsalitshe (Onverwacht-Pongola), Sandlane (Nerston), Sicunusa (Houdkop), Simomotfo (Waverley) and Sitsatsaweni.
 - (b) The Airport at Matsapha.
- (2) When required as a condition stipulated on the plant import permit issued in terms of Sections 14 and 15, the consignee shall deliver the plant or seed imported together with its wrappings or packing material immediately upon importation, to the Permanent Secretary or to an officer nominated for this purpose by the Permanent Secretary.
- (3) The Permanent Secretary upon delivery of a plant may —
- (a) examine the plant together with its wrapping or packing material;
 - (b) cause the plant to be cleansed or disinfected at the expense of the importer if the presence of plant disease or plant pest thereon is established or reasonably suspected; and

- (c) cause the plant to be destroyed if he considers any measures taken or to be taken under subsection (1) (b) hereof are or are likely to be ineffective and he deems the plant disease or plant pest to be dangerous.
- (4) (a) Phytosanitary certificates accompanying imports into Swaziland, together with any additional documents, shall be surrendered to the Swaziland Customs at the port of entry relating to the consignment and shall then be forwarded to the Plant Pathologist, Malkerns Research Station.
- (b) All imports of plants shall be liable to inspection on arrival, whether or not accompanied by phytosanitary certificates.
- (c) If plants are found to be unhealthy, or do not comply with import requirements, the importer may be required to destroy them at his own expense, although treatment or re-export may be allowed in lieu thereof.

PART V

EXPORTATION OF PLANTS AND PLANT MATERIALS

Phytosanitary certificates.

18. (1) A phytosanitary certificate may be required by the Government of a country outside Swaziland in respect of imported plants or plant material. Such a certificate may be obtained for plants originating in Swaziland upon application to the Plant Pathologist, Malkerns Research Station.

(2) Phytosanitary certificates shall bear no alterations or erasures.

(3) Any person who furnishes information for a phytosanitary certificate which he knows to be false in any material aspect shall be guilty of an offence.

Exportation of Indigenous Plants, for which a phytosanitary certificate shall be mandatory.

19. (1) By the public. The onus shall be on the exporter to determine whether the material he wishes to export is protected or not under the Flora Protection Act (1952) or by any other law. Permission to export indigenous plants or plant materials including species covered by the Convention on Internationally Endangered Species of Wild Fauna and Flora will only be given under exceptional circumstances, and then only with the permission of the Swaziland National Trust Commission established by the National Trust Commission Act of 1972. Failure on the part of the exporter to seek such permission will constitute an offence.

(2) By a state registered nursery. After application to the Board, the Board may grant permission to export indigenous plants. Such plants will normally be seeds or seedlings reared wholly at the nursery or, in the case of slow-growing or woody plants, be less than 100cm in height.

(3) Any person who removes an indigenous plant for gain from its natural habitat without written permission of the Swaziland National Trust Commission shall be guilty of an offence.

(4) No phytosanitary certificate shall be issued in respect of any indigenous plant unless the application is accompanied by authority in writing by the Swaziland National Trust Commission. Any officer of the Ministry of Agriculture who issues a permit for the export of indigenous plants without the necessary accompanying authority of the Swaziland National Trust Commission shall be guilty of an offence.

(5) Phytosanitary certificates for the export of citrus fruit will be issued by the Swaziland Citrus Board on receipt of written authorization from the Phytosanitary Inspector at the port of loading, in respect of each consignment exported.

PART VI

CONTROL OF MUSHROOM INDUSTRY

Handling of Mushrooms.

20. (1) No person shall, other than for personal use or consumption, without a permit:
- (a) sell mushrooms;
 - (b) grow, collect, gather, pick, dehydrate, pack or can wild or cultivated mushrooms for sale; or
 - (c) export wild or cultivated mushrooms.
- (2) The Minister may by regulations prohibit or control the importation of wild mushrooms.

Mushroom Licence.

21. (1) The Permanent Secretary may on written application issue a licence permitting a person to do any or all of the matters referred to in Section 20(1).
- (2) A licence issued by the Permanent Secretary shall be subject to such terms and conditions as he may determine, and without derogating from the generality of the foregoing, shall specify —
- (a) the fee, if any, to be paid by the holder of such licence;
 - (b) the period of such licence;
 - (c) that the holder of the licence shall engage the services of, or be, a qualified toxicologist, with scientific knowledge of wild mushrooms, approved by the Permanent Secretary, to be responsible for the protection of the public against the use and sale of any species of fungi which are poisonous or potentially dangerous or harmful;
 - (d) that any licence may be revoked by him in the event of the breach of any of the terms and conditions thereof.
- (3) Any conditions imposed by the Permanent Secretary in terms of this section shall be endorsed on the licence, but failure to endorse any condition on the licence shall not relieve the holder thereof from the obligation to observe such condition if he has been informed thereof by or on behalf of the Permanent Secretary in writing.
- (4) A licence issued under this section shall not be transferrable.

PART VII

NOXIOUS WEEDS

Weed inspectors.

22. (1) The Permanent Secretary shall appoint weed inspectors whose function shall be to ensure the protection of land from noxious weeds.
- (2) A weed inspector may at all reasonable times enter upon any land, whether enclosed or not, for the purposes of ascertaining if any noxious weeds are present. Any weed inspector may also at all reasonable times enter upon any premises where any plant, seed, or grain is offered for sale and may take samples thereof.

Destruction of noxious weeds etc.

23. (1) It shall be the duty of every person to clear or cause to be cleared any noxious weed on the land in respect of which he is the owner or occupier and such person shall report the occurrence of any noxious weed to a weed inspector or to the nearest police station.

(2) If a weed inspector finds on any premises any plant, seed, or grain which is likely to propagate or spread the growth of noxious weeds, such plant, seed, or grain shall be treated by or at the expense of the owner or occupier in the manner prescribed by or to the satisfaction of the inspector, and if not so treated, or if such treatment be deemed ineffectual the Permanent Secretary may order that such plant, seed, or grain be destroyed.

Clearance of land of noxious weeds.

24. (1) An owner or occupier on whose land noxious weeds have been found shall be notified in writing by a weed inspector and shall be required to clear the land within a specified period of time and any owner or occupier who fails to do so shall be guilty of an offence.

(2) If the owner or occupier fails to clear the land as aforesaid a weed inspector may upon receiving written authority from the Permanent Secretary enter upon the land with or without assistants and eradicate the noxious weeds found thereon.

Offence to propagate noxious weeds.

25. Any person who knowingly sells or offers or exposes for sale any plant, seed, or grain which is likely to propagate or spread the growth of noxious weeds shall be guilty of an offence.

PART VIII

INSECT PESTS IN TIMBER

Sale or use of timber infested with woodborer.

26. It shall be an offence for any person, without the permission in writing of the Permanent Secretary to sell or otherwise dispose of or use for building or manufacturing any article or any timber which is attacked by or infested with any woodborer in any live stage.

Importation of timber infested with woodborer.

27. It shall be an offence for any person without the permission in writing of the Permanent Secretary to import into Swaziland —

- (a) any timber, infested with any woodborer in any live stage or which has not had the bark completely removed;
- (b) any used building timber.

Presence of infested timber to be reported.

28. (1) Whenever there is upon any property any timber infested with any borer in any live stage, the owner of such property, or the person in possession or control of such property, shall immediately report the fact to the nearest local authority or member of the Royal Swaziland Police, who shall forthwith inform the Permanent Secretary.

(2) For the purposes of this section "property" means any Crown forest, private forest, or other land or any ship, vessel, vehicle, aircraft, building depot or place for storing, stacking, seasoning or working timber.

Destruction or disinfection of timber infested with wood borer.

29. All timbers infested with any borer in any live stage shall either be destroyed or subjected to a disinfection treatment approved by the Permanent Secretary.

PART IX

CONTROL OF BROWN & RED LOCUSTS (INCLUDING LOCUSTA PARDALINA, NOMADACRIS SEPTEMFASCIATA)

Notification of appearance of flying locusts and nymphs and deposit of eggs.

30. (1) An owner or occupier of land whereon flying locusts appear or have appeared, or whereon flying locusts are depositing or have deposited eggs or whereon any nymphs appear or have appeared, shall immediately notify an inspector.

Action to be taken on receipt of notice.

31. (1) On receipt of a notice referred to in Section 30, the person to whom the notice is given shall as soon as possible inform the Permanent Secretary.

(2) The Permanent Secretary may take such steps as may be necessary for the eradication of any locusts or locust eggs on any land at Government expense.

PART X

POWERS OF INSPECTORS

General powers of inspectors to enter on land.

32. Every owner or occupier of land or premises shall permit an inspector, on production of his authority, to enter upon his land or premises to carry out any of the provisions of this Act.

Inspection and quarantining of land or premises, and impositions on owners and occupiers to eradicate insects, plants or plant diseases.

33. (1) An inspector may, without any obligation to pay compensation, inspect any plant on any land or premises and remove any plant therefrom.

(2) If an inspector discovers at any nursery the presence of any insect, plant, plant disease or alien animal or reasonably suspects the presence thereof, or discovers upon any land or premises or nursery situated within an area with reference to which a notice under Section 12 applies, the presence of any insect, plant disease or alien animal referred to in that notice or reasonably suspects the presence thereof on such land or premises, he may —

(a) by notice in writing served on the owner or occupier of the nursery or the land or premises, declare the whole of such nursery, land or premises or any specified portion thereof to be quarantined for a definite or an indefinite period; or

(b) by order in writing served on the owner or occupier of the nursery or the land or premises, require the occupier to carry out in the manner and within the time mentioned therein such measures as may be necessary for the purpose of eradicating or combating the insect, plant disease or alien animal, as the case may be.

(3) An inspector may, if he considers it necessary for the eradication of any insect or plant disease, by order under subsection (2)(b) require the occupier of the nursery or the land or premises in question to destroy, in the manner specified in the order, any plant growing in his nursery or on his land and to keep his nursery or his land free of any such plant for a period specified in the order:

Provided that no order for the destruction of any plant shall be issued by an inspector without the prior approval of the Permanent Secretary.

(4) No person shall, without the permission of an inspector, remove or otherwise interfere with any stake, peg, tag or other mark placed on the order of an inspector in or near a quarantined area.

(5) If the owner or occupier of any nursery or any land or premises quarantined under subsection (2) hereof is charged with a contravention of subsection (4) and it is proved that a stake, peg, tag or other mark placed by or on the order of an inspector was removed or otherwise interfered with, such owner or occupier, as the case may be, shall be presumed to have so removed or interfered with such stake, peg, tag or mark unless he proves that he forbade the act constituting the contravention.

(6) The provisions of section 9 shall *mutatis mutandis* apply with reference to land, premises or nursery quarantined under this section.

Method of serving notice or order.

34. (1) A notice or order under section 33(2) shall be deemed to have been duly served on the owner or occupier of the nursery or the land or premises in question —

- (a) when it has been handed to the owner or occupier personally; or
- (b) when, in the absence of the owner or occupier, it has been —
 - (i) handed to his duly authorized representatives; or
 - (ii) sent by registered post to the last known place of residence of the owner or occupier, and has been known to be received by him.

Examination of plants on importation.

35. (1) (a) Any inspector may examine any plant imported into Swaziland together with the packing material or covering thereof, for the purpose of discovering whether it is infected with any insect or plant disease, and the consignee or his agent shall, at the request of an inspector, remove the coverings and afford the inspector every facility for conducting the examination.

(b) When an inspection in terms of this subsection is conducted outside the prescribed hours, a fee determined by the Permanent Secretary may be payable.

(2) An inspector may cleanse, disinfect or otherwise treat or cause to be cleansed, disinfected or otherwise treated, in such manner as he may deem fit, any such plant which is so infected or which is suspected to be so infected, together with the packing material or covering thereof, and the consignee or his agent shall pay in respect thereof the fees and charges prescribed.

(3) An inspector may at his discretion either destroy, or cause to be destroyed, any material imported into Swaziland in contravention of sections 14 and 15, together with its container and the packing material or covering thereof, or permit the dispatch of such material, together with the packing material or covering thereof, at the expense of the consignee, to any other country, including the country of origin of such plant.

(4) If the cleaning, disinfection or treatment is carried out at a place specially provided for the purpose, delivery of the plant shall not be made until the fees and charges prescribed have been paid.

(5) Any person to whom any plant imported into Swaziland has been consigned shall, when required by an inspector, furnish copies of his plant import permit, phytosanitary certificates if necessary, and other relevant certificates setting out —

- (a) the name and address of the consignor;
- (b) the number and the kind of packages;
- (c) the names, quantities, varieties and grade marks of the plants in the consignment;

- (d) the place of origin of each such plant; and
- (e) the phytosanitary conditions required by the Permanent Secretary in respect of such plant.

(6) If any plant not specified in the plant import permit and other certificates referred to in subsection (5) hereof is found in the consignment or is specified under a false or misleading name or description, the inspector may, subject to the approval of the Permanent Secretary, cause the plant to be destroyed.

Examination of other importations.

36. An inspector may examine any plant material or insects including honeybees, larvae or eggs, or any honey or beeswax, or any beehive or any accessories or appliances thereof, or any alien animal or any other article in accordance with the provisions of this Act.

Issue of clearance certificate.

37. Whenever, in respect of any importation an inspector is satisfied that the provisions of this Act and the regulations have been complied with, he shall, at the request of the consignee, deliver or transmit to him a certificate to that effect by means of endorsement on his plant import permit.

Inspection, or disinfection or destruction of plant diseases, insects, honey bees, honey, accessories, places of alien animals.

38. (1) An inspector may —

- (a) inspect any consignment reasonably suspected of containing any plant disease or insect, or any honey bee or its larvae or eggs, or any honey or beeswax, or any beehive or any accessories or appliances thereof, or any exotic animal or any other imported article;
- (b) inspect any place where any plant disease or insect is located;
- (c) inspect any place where honey bees or any beehive or any accessories or appliances thereof are located;
- (d) inspect any honey or beeswax which is intended for sale;
- (e) inspect any premises where any alien animal is located, and may give such directions for the eradication or, as the case may be, the cleansing, disinfection or destruction of any such plant, disease, insect, honey bee or its larvae or eggs, honey, beeswax, beehive or its accessories or appliances, place or premises, as will secure the eradication or prevention of any plant disease, insect or bee disease, or may give such directives relating to the supervision or control of any alien animal as will prevent it from becoming dangerous or harmful:

Provided that no directive for the destruction of any plant disease, bee, beehive or its accessories or appliances, or any place or premises, shall be given by an inspector without the prior approval of the Permanent Secretary.

(2) If any person fails to carry out any directive referred to in subsection (1)(e) within the period stated herein, the Permanent Secretary may, at the expense of that person, do all such acts as are reasonably necessary for securing the eradication or prevention of any plant disease, insect or bee disease in question, or, as the case may be, for the supervision or control of any alien animal in question.

Destruction of alien animals.

39. The Permanent Secretary may, in writing, empower any inspector to take such steps on any land or premises as may be necessary for destroying any alien animal which is dangerous or harmful, or may become dangerous or harmful.

Powers of officers or inspectors to trace and destroy locusts, nymphs or locust eggs.

40. An inspector may enter upon any land for the purpose of making such investigations or taking such other action as is necessary or expedient for the purpose of tracing and destroying flying locusts, nymphs or locust eggs.

PART XI

MISCELLANEOUS PROVISIONS

Exemptions.

41. The provisions of Sections, 3, 4, 5, 7, 9, 10, 11, 12, 13, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 39 and 40 shall not apply to National Parks and Nature Reserves but no plant from any nursery within such parks or reserves shall be released for export without the necessary phytosanitary requirements being fulfilled, as provided for in sections 18 and 19.

Compensation.

42. The Minister may, in his discretion pay such compensation as he may deem reasonable in the circumstances, to the owner or occupier of any land or premises in respect of any plant or any honey bee or its larvae or eggs, or any honey or beeswax, or any beehive or any accessories or appliances thereof, or any alien animal destroyed, or any plant disease or insect eradicated.

Circumstances under which compensation not payable.

43. No compensation shall be payable in the following circumstances —

- (a) in respect of the cost incurred in connection with the destruction of any plant or any honey bee or its larvae or eggs, or any honey or beeswax, or any beehive or any accessories or appliances thereof, or any alien animal, or the eradication of any plant disease or insect, under the provisions of sections 7, 24, and 33;
- (b) where the owner or, as the case may be, the occupier concerned, has failed to comply with any order or notice given in terms of this Act relating to the destruction or eradication referred to in paragraph (a);
- (c) in respect of any loss of income in consequence of the destruction or eradication referred to in paragraph (a);
- (d) in respect of any plant destroyed in terms of section 11;
- (e) in respect of any plant planted, cultivated, kept, sold, removed or imported in contravention of any provision of this Act;
- (f) in respect of any plant which, due to contact with any plant referred to in paragraphs (d) and (e) is infected or which may have become infected with any insect or plant disease which the Permanent Secretary considers to be dangerous;
- (g) in respect of any destruction of any honey bee or its larvae or eggs, or any honey or beeswax, or any beehive or any accessories or appliances thereof, or any alien animal, or the eradication of any plant disease or insect imported or, as the case may be, kept, sold or removed in contravention of any provision of this Act;

Compensation in respect of injury, loss or destruction resulting from the exercise of powers under these Regulations.

44. Save as is specially provided in this Act, no compensation shall be payable by the Government in respect of injury to or loss or destruction of any plant, alien animal or other article resulting from the exercise of any power under this Act.

Offence of Obstructing Inspectors.

45. Any person who obstructs or hinders any inspector in the execution of his duties under this Act, or who fails to furnish to such inspector any information which he may lawfully require thereunder, shall be guilty of an offence.

Delegation of Powers.

46. (1) The Minister may delegate to the Permanent Secretary or any inspector any of the powers conferred on him by this Act other than the powers referred to in Section 48.

(2) The Permanent Secretary may delegate to an inspector any of the powers conferred on him by this Act, other than the powers referred to in Sections 11, 17(3)(c) and 39.

Appeal to Minister.

47. (1) A person who is aggrieved by any decision or action by the Permanent Secretary or any officer, inspector or a person specially appointed under this Act may, within thirty days appeal against such decision or action to the Minister.

(2) Notwithstanding the above, the decisions of the Permanent Secretary re quarantine, disinfection and destruction of plant or animal material shall not be delayed pending the result of an appeal to the Minister.

Further Regulations.

48. (1) The Minister may make regulations, not inconsistent with this Act, prescribing—
- (a) any matter which may be relevant under this Act;
 - (b) the manner in which and place at which any registration, inspection, disinfection, clearing, eradication or destruction authorised under this Act shall be carried out;
 - (c) the conditions and restrictions governing the importation and keeping of plants, insects, plant diseases, honey bees, alien animals and anything whatsoever dealt with under this Act;
 - (d) the form of any licence, permit, certificate, application or notice under this Act;
 - (e) the standards and phytosanitary quality requirements with which plants that are for sale shall comply;
 - (f) the manner in which plants that are for sale shall be cultivated, grown, kept or sold, and the records which shall be kept of any plants cultivated, grown, kept or sold;
 - (g) the soil or material in the containers in which plants that are for sale shall be kept, and the manner in which soil or material shall be treated;
 - (h) the fees to be charged in respect of any matter with reference to which the charging of fees is authorised under this Act;
 - (i) generally any matter which he deems necessary to prescribe for the better achievement of the object and purposes of this Act.
- (2) The Minister may amend any Schedule to this Act.

PART XII

OFFENCES AND PENALTIES

Offences and Penalties.

49. (1) Any person who contravenes the provisions of sections 7(3), 7(4), 11(2), 14, 15, 16(5), 18(1), 19(1), 19(3), 19(4), 24, 35(7) and 38(2) shall be guilty of an offence and shall be liable on conviction to a fine not exceeding E500 or in default of payment to imprisonment for a period not exceeding six months.

(2) Any person who contravenes the provisions of sections 5(1), 17(2), 20(1), 21(4), 23 – 29, 30(3), 33, and 44, shall be guilty of an offence and shall be liable on conviction to a fine not exceeding E250 or in default of payment to imprisonment for a period not exceeding three months.

(3) Any person who contravenes the provisions of sections 3(2)(a) and 10 shall be guilty of an offence and shall be liable on conviction to a fine not exceeding E100 or in default of payment to imprisonment for a period not exceeding forty days.

PART XIII

Repeal.

50. The following laws and any other law made thereunder are hereby repealed—

- (a) The Noxious Weeds Act, 1929;
- (b) The Locust Destruction Act, 1924;
- (c) The Importation of Bees Act, 1910;
- (d) The Plant Protection Act, 1959; and
- (e) The Wild Mushroom Control Order, 1973

FIRST SCHEDULE

(Sections 14(1))

PLANTS AND LIVING MATERIAL WHICH ARE PROHIBITED

Ambrosia	(<i>Ambrosia spp</i>)
Aquatic Plants, especially	
Water Fern	(<i>Salvinia molesta</i>)
Water hyacinth	(<i>Eichhornia crassipes</i>)
Water lettuce	(<i>Pistia stratiotes</i>)
Water milfoil	(<i>Myriophyllum aquaticum</i>)
Water plantain	(<i>Alisma plantago</i>)
Buffalo grass	(<i>Setaria chevalieri</i>)
Bugweed	(<i>Solanum mauritianum</i>)
Burweed	(<i>Xanthium spinosum</i>)
Cocklebur	(<i>Xanthium strumarium</i>)
Dagga, Insangu or Indian Hemp	(<i>Cannabis sativa</i>)
Dodder	(<i>Cuscuta trifolii</i>)
Fuller's teasel	(<i>Dipsaca fulomum</i>)
Hollyhock	(<i>Althaea rosea</i>)
Jointed cactus	(<i>Opuntia aurantiaca</i>)
	(= <i>O. pusilla</i>)
	(<i>Opuntia rosea</i>)
Khaki weed	(<i>Alternanthera echinata</i>)
Lantana	(<i>Lantana camara</i>)
Mauritius Thorn	(<i>Caesalpinia sepiaria</i>)
Sesbania	(<i>Sesbania punicea</i>)
Spear Thistle	(<i>Cnicus lanceolatus</i>)
Malta Thistle	(<i>Centaurea melitensis</i>)
Purple Star Thistle	(<i>Centaurea calcitrapa</i>)
Yellow Thistle or St. Barnabas	(<i>Centaurea solstitialis</i>)
Thistle	
Mexican Poppy or Scotch Thistle	(<i>Argemone mexicana and other spp.</i>)
Spiny Hakea	(<i>Hakea tenuifolia</i>)
Tussock Grass	(<i>Stipa trichotoma</i>)
	(= <i>Nasella trichotoma</i>)

Vegetable Alectra	(<i>Alectra spp.</i>)
Wild cotton & relatives	(<i>Cienfugosia, Gossypium, Hibiscus etc.</i>)
Witchweed	(<i>Striga spp.</i>)
Other Noxious weeds	

N.B. The Minister under the terms of this Act may add to or delete further species as may be required.

SECOND SCHEDULE

(Section 14(2))

PLANTS AND LIVING MATERIAL WHICH REQUIRE A PERMIT.
THIS WILL BE ISSUED ONLY IF THE CONDITIONS OUTLINED
ELSEWHERE ARE SATISFIED.

- A. *Citrus*: Seed, budwood, whole plants, or fruit for sale. An extra permit must be obtained through the Swaziland Citrus Board. For fruit for private use (less than 20 kg) and candied citrus peel, see Fourth Schedule.
- B. *Rice*: Whole plant or part of the plant, or seeds.
- C. *Sisal*: Whole plant or part of the plant.
- D. *Sugarcane*: Whole plant or part of the plant, or seeds.
- E. *Seeds*: of Cotton, Lucerne, Tomato and Tobacco.
- F. *Seeds*: intended for planting, and not for food, of the following:
Maize, Sorghum, Barley, Oats, Millet, and Wheat.
- G. *Any cereals*: or cereal products as defined in the Control of Cereals Act No. 28 of 1959, which require permission from the Permanent Secretary.
- H. *Any honey, beeswax or used beehives or any used accessories thereof*: or anything which has been used to contain or treat honey bees, honey or beeswax.
- I. *Any honey bee*: or its larvae or eggs.
- J. *Any alien animal*.
- K. *Any soil*: including rock, sand, and other forms of earth or compost.
- L. *Any unspecified material not covered in this Schedule and in Schedules I, III and IV* will require a permit.

THIRD SCHEDULE

(Section 15(1))

PLANTS AND LIVING MATERIAL WHICH REQUIRE A PERMIT, BUT
WILL NOT NORMALLY BE RESTRICTED IF FROM THE REPUBLIC OF
SOUTH AFRICA. UNLESS THESE BEAR PROOF OF ORIGIN FROM
SOUTH AFRICA THEY WILL BE SUBJECT TO THE DETAILED
CONDITIONS PRESCRIBED BY THIS ACT.

- A. *Assorted fruit and vegetables (excluding citrus), flowers either cut or in pots, and other material regularly sold by traders (florists and grocers) for profit*:
These may be admitted on a multiple entry permit for not more than one year provided the items and their source of origin in the Republic of South Africa are clearly listed in advance.

B. *Seed Potatoes*: These must be in bags carrying an RSA Government Plant Inspection service A or AA seal, issued by a plant inspector of the Government of the Republic of South Africa.

C. *Any plant or parts thereof with special reference to the following*:

1. *Subtropical Fruit and Crops*

Cocoa (<i>Theobroma cacao</i>)	Ginseng (<i>Panax ginseng</i>)
Coconut (<i>Cocos nucifera</i>)	Macadamia nuts
Coffee (<i>Coffea arabica</i>)	Palms (<i>dates, oil etc.</i>)
Cola (<i>Cola acuminata</i>)	Pepper (<i>Piper spp.</i>)
Custard apple (<i>Anona cherimola</i>)	Rubber (<i>Hevea brasiliensis</i>)
Ginger (<i>Zingiber officinale</i>)	Tea (<i>Thea sinensis</i>)

2. *Vegetables*

Capsicum (peppers and chillies)
Yam (*Dioscorea*)

3. *Gramineae*

Unmanufactured broomcorn derived from sorghum, whether fresh or dry, and any broom or brush or other article made in whole or part from sorghum.

4. *Legumes*

Chick pea (*Cicer arietinum*)
Lentils
Vetches (*Vicia*)

5. *Ornamentals*

Anthurium
Alternate hosts of pine rusts (see page 43 and 44)
Chestnut (*Castanea vulgaris* and other spp.)
Flax, New Zealand (*Phormium tenax*)
Foreign bulbs — *Narcissus, Crocus, Convallaria, Eremurus, Hyacinthus, Tulipa*.

Foreign Conifers
Foreign Cycads
Foreign *Eucalyptus*
Foreign heathers (*Erica*)
Foreign Malvaceae
Foreign orchids
Foreign Rosaceae including *Rosa, Pyrus* and other fruits
Foreign Sisals (*Agave, Fouquieria*)
Hazelnut (*Corylus*)
Opium poppy (*Papaver somniferum*)
Opuntia and other cacti, excluding jointed cactus (Schedule I)
Pyrethrum
Sundry rhizomes

6. *Sundry Imports*

Belladonna (*Atropa belladonna* and other spp.)
Burdock (*Arctium*)
Cassava (*Manihot utilissima*)
Coriander (*Coriandrum sativum*)
Cranberry (*Vaccinium macrocarpum*)
Digitalis

Henbane (*Hyoscyamus niger*)
 Hops (*Humulus sp.*)
 Jute (*Corchorus capsularis*)
 Kiwi fruit (*Actinidia*)
 Persimmon (*Diospyros*)
 Poison hemlock (*Conium maculatum*)
 Unmanufactured leaf tobacco
 Unmanufactured cotton lint and all kinds of unspun cotton excluding purified cotton wool.
 Vanilla (all spp.)

FOURTH SCHEDULE

(Section 15(2))

PLANTS AND LIVING MATERIAL WHICH DO NOT REQUIRE A PERMIT

These must be bought in the Republic of South Africa only, by private individuals for immediate use or consumption only and not for sale. Source of origin must be documented.

- A. Any tree, shrub, herb, or vine, including ornamentals or plants bearing fruit, and soil, originating at a state registered nursery in the Republic of South Africa. These must be accompanied by proof of origin (nursery labels, invoices, receipts etc).
- B. Assorted fruit and vegetables (including no more than 20kg. citrus per person), and candied citrus peel.
- C. Cut flowers, wreaths and herbaceous pot plants.

FIFTH SCHEDULE

(Section 3(1))

APPLICATION FOR FIRST REGISTRATION AND ANNUAL RE-REGISTRATION OF A PLANT NURSERY. THIS SHALL BE ACCOMPANIED BY A FEE OF TEN EMALANGENI. IF APPLICATION IS SUCCESSFUL, A FURTHER TWENTY EMALANGENI WILL BE PAYABLE TO COMPLETE REGISTRATION. FOR RE-REGISTRATION FIVE EMALANGENI SHALL BE THE ENTIRE AMOUNT PAYABLE

I, the undersigned do hereby apply to the Nursery Registration Board in terms of Section 3 of the Plant Control Act No..... of 1981 for the grant and registration of a nursery.

1. Name of Applicant in full

Address:

Nationality:

2. Name of any agent acting for Applicant:

Address:

Nationality:

3. Full name, postal and residential addresses of the owner of the land:

4. The exact situation of the Nursery

If it is a registered piece of ground, please state the title deed number and description thereof. If it is proposed to set it up on Swazi National Land, state the name of the Chief of Area

5. The approximate extent of the proposed Nursery

6. A sketch-map drawn to scale of the proposed Nursery.

7. Is this freehold or Swazi Nation Land?

8. In the case of Swazi National Land has the permission of the Chief been sought and obtained?

State the name of the Chief and his address

9. Name under which nursery is to be registered:

10. Date of intended occupancy and/or commencement of business

11. Please state —

(a) Approximate size of the capital that you are investing in the nursery

(b) Your bank references

(c) Any financial cover or insurance for the nursery

12. Previous experience in running a nursery, if any:

.....

.....

.....

.....

13. Specialization of nursery. Strike out that which does not apply:
 Forest trees/Fruit trees/Vegetables/Herbaceous garden plants/Ornamental trees and shrubs/All of these/Other (Specify.....)

14. Give the approximate quantity of the following nursery stock:

- (a) Citrus fruit trees
- (b) Deciduous and other Fruit trees including mangoes and guavas
- (c) Vines
- (d) Forest and shade trees
- (e) Hedge plants
- (f) Roses
- (g) Hardy ornamentals
- (h) Greenhouse and other tender plants
- (i) Palms
- (j) Gramineae and pasture plants
- (k) Other plants, including indigenous flora

15. State— (a) The approximate number of citrus trees in the nursery *not* expected to be ready for disposal within the next twelve months
- (b) The approximate number of other trees in the nursery *not* expected to be ready for disposal

16. State (a) The approximate number of citrus trees ready for disposal *now*
- (b) The approximate number of other trees in the nursery ready for disposal *now*

I, the undersigned being the applicant agent of the applicant for the grant and registration of the above mentioned licence, do hereby make oath and say that to the best of my knowledge and belief the above information is true and correct—

.....
Name of Applicant

- Copies to:-
- (1) The Permanent Secretary, Ministry of Agriculture
 - (2) The Director of Agriculture
 - (3) The Chief Forestry Officer
 - (4) The Chief Research Officer
 - (5) Curator National Herbarium
 - (6) The Plant Pathologist
 - (7) Swaziland National Trust Commission

SIXTH SCHEDULE

(Section 16)

FORM OF PLANT IMPORT PERMIT

SWAZILAND

MINISTRY OF AGRICULTURE

PERMIT FOR INTRODUCTION OF PLANTS AND PLANT PRODUCTS

Date

No.

In terms of the Plant Control Act (1981), and subject to the conditions hereunder, permission is hereby granted to:

of

to import into Swaziland the undermentioned plants or plant products, namely:

to be supplied by

Single entry

Multiple entry

Port of entry

All plant material must be accompanied by proof of origin (invoices, receipts, nursery labels etc.)

Any phytosanitary certificate requested here must be sent to the Pathologist, Malkerns Research Station, Box 4, Malkerns.

Special conditions:

The validity of this permit expires on

Copies to: (1) Director of Agriculture

(3)

(2) Customs Officer

(4) Malkerns Research

*(5) Swaziland Citrus Board

Station

*(6) Swaziland National Trust Commission

*As necessary

Director of Agriculture
 (Signature or official stamp)

Further Notes

FOR CITRUS, MAIZE MATERIAL AND INDIGENOUS PLANTS — see Reverse of this Page

(Reverse of first page)

Citrus Conditions.

- A. Any citrus material from the Republic of South Africa:
An extra permit must be obtained from the Swaziland Citrus Board, Box 343, Mbabane. Fruit bought privately for personal use or consumption is exempt.
- B. Citrus fruit for processing from Mozambique or the Republic of South Africa:
 1. A citrus permit to be obtained as under A.
 2. Fruit to be processed in a canning factory and not to be distributed elsewhere for any other purpose.
 3. On arrival at Malkerns and without delay all fruit to be steam sterilised for a minimum period of 20 minutes. Under no circumstances should fruit be left unsterilised in the open.
 4. Rail trucks and containers to be sterilised by dipping or spraying to run-off with a surface sterilising agent such as sodium or calcium hypochlorite, one of the quaternary ammonium compounds, or equivalent.
 5. Seed germination to be destroyed by heat or other treatment.
 6. Inspection of fruit and compliance with these conditions by authorised officers of the Ministry of Agriculture be facilitated at any time during the term of the period.
 7. Each week's consignment must be accompanied by a certificate signed by the veterinary authorities in the country of origin to the effect that the fruit is derived from a district (s) where foot and mouth disease has not existed for at least 3 months, and in which no regulations for the control of foot and mouth disease are in force immediately prior to the removal of the fruit.
 8. Packing materials, if used, should exclude straw or other plant material.

A plant import permit for citrus material will only be issued after a separate permit has been issued by the Swaziland Citrus Board.

Maize and Maize Products.

Imports require an additional permit directly from the Permanent Secretary.

Indigenous Plants.

Persons intending to obtain plants indigenous to Southern Africa from nurseries in the Republic of South Africa or elsewhere must first obtain authorization from the Swaziland National Trust Commission. Plants subject to restriction include (a) several trees and shrubs. e.g. *Dracaena* (screw-pine) *Podocarpus* (yellow-wood), *Protea*, and *Spirostachys* (tambuti), (b) ferns, (c) bulbous plants, e.g. *Agapanthus*, *Brunswigia* (candelabra plant) and *Zantedeschia* (arum lily), (d) orchids and (e) miscellaneous plants such as aloes, waterlilies and Barberton daisies.

SEVENTH SCHEDULE

(Sections 18 & 19)

SWAZILAND

MINISTRY OF AGRICULTURE—MBABANE, SWAZILAND

PHYTOSANITARY CERTIFICATE
CERTIFICAT PHYTOSANITAIRE
PFLANZENSCHUTZZEUGNIS

No.

In terms of The Plant Control Act, (1981),

This is to certify that the plants, part of plants or plant products described below, or representative samples of them were thoroughly examined on by an authorized officer or representative of the MINISTRY OF AGRICULTURE and were found to the best of his knowledge to be substantially free from injurious diseases and pests; and that the consignment is believed to conform with the current phytosanitary regulations of the importing country both as stated in the additional declaration hereon and otherwise.

Il est certifié que les végétaux, parties de végétaux ou produits végétaux décrits ci-dessous ont été minutieusement examinés en totalité ou sur échantillon représentatif, le par agent/representatif autorisé du MINISTERE DE L'AGRICULTURE et sont, à sa connaissance, jugés pratiquement indemnes d'ennemis et maladies dangereux pour les cultures; et que l'envoi est estimé conforme aux réglementations phytosanitaires actuellement en vigueur dans le pays importateur, ainsi qu'il est spécifié dans la déclaration supplémentaire ci-après ou par ailleurs.

Hiermit wird bestätigt, dass die unten beschriebenen Pflanzen oder, -teile, -erzeugnisse, oder repräsentative Muster davon, eingehend untersucht wurden am von zuständiger Beamte/repräsentative und nach seinem besten Wissen praktisch frei von gefährlichen Pflanzenkrankheiten und -schädlingen befunden wurden; und dass die Sendung den derzeit geltenden phytosanitären Bestimmungen des importierenden Landes, gemäss der unter oder an anderer Stelle angeführten zusätzlichen Erklärungen, entspricht.

Additional Declaration
Declaration Supplémentaire.
Zusätzliche Erklärungen.

- (a) Fruits free from/Les fruits sont exempts du/Früchte sind frei von/*Ceratitis capitata*, *Quadraspidotus perniciosus*/*Nipaecoccus nipae*, *Pseudococcus obscurus* & *Parlatoria zizyphi*.
- (b) *Dacus dorsalis*, & *Pseudococcus comstocki* are not known to occur in Swaziland/à notre connaissance ne se trouvent pas en Swaziland/kommen nach bestem Wissen nicht in Swaziland vor.
- (c) The E.E.C. plant protection regulations have been observed /Die E.E.C. Pflanzenschutz Vorschriften sind beachtet.

DESCRIPTION OF CONSIGNMENT/DESCRIPTION DE L'ENVOI/BESCHREIBUNG DER SENDUNG

Name and address of exporter
 Nom, prénom et adresse de l'expéditeur
 Name und Anschrift des Absenders

Name and address of consignee
 Nom, prénom et adresse du destinaire
 Name und Anschrift des Empfängers

Number and description of packages
 Nombre et nature des colis
 Anzahl und Art der Packstücke

Distinguishing marks
 Marque des colis
 Zeichen der Packstücke

Origin
 Lieu de culture
 Herkunft

Means of transport	Port of entry
Moyen de transport	Point d'entrée
Transportmittel	Einlass-stelle

Quantity and name of produce
 Contenu de l'envoi

Spezifizierte Inhaltsangabe

Date of fumigation or disinfection	Treatment
Fumigation ou désinfection date	Traitment

Datum Begasung oder Desinfektion	Behandlung
--	------------------

Duration of exposure	Chemical and concentration
----------------------	----------------------------

Durée du traitement	Produit chimique utilisé et concentration
Dauer der Behandlung	Mittel und Konzentration

Notes

.....
Authorised Officer/Representative

The validity of this permit expires on

N.B. It is an offence to export indigenous plants without prior permission from the Swaziland National Trust Commission

Copies to:- (1) Director of Agriculture
 (2) Customs Officer
 (3) Swaziland National Trust Commission
 (4)
 (5) Malkerns Research Station

Stamp of Plant Control Service 19

EIGHTH SCHEDULE

(Section 20,21)

APPLICATION FOR LICENCE TO GROW AND EXPORT MUSHROOMS

Fee: E5

I, the undersigned, do hereby apply to the Permanent Secretary in terms of Section 20(1) of the Plant Control Act, 1981 for permission to grow and /or collect mushrooms for sale and/or export.

1. Name of Applicant in full

Nationality

2. Name of any agent acting for the applicant.....

Nationality

3. Full name, postal and residential address of the applicant

.....

.....

.....

I, the undersigned, being the applicant for the Licence above, do hereby swear that the services of a competent toxicologist have been obtained in certifying that these mushrooms are not poisonous or potentially hazardous or harmful.

.....
Name of Applicant

Copies to:- (1) Director of Agriculture
(2) Malkerns Research Station

NINTH SCHEDULE

(Sections 14-16)

DETAILED SPECIFICATIONS ON IMPORTS

Phytosanitary requirements for the importation of plants, plant portions and certain seeds into the Kingdom of Swaziland.

The provisions of this Schedule shall not apply (unless specifically stated herein) if the plant material originates from a state registered nursery within the Republic of South Africa. Material *in transit* via the Republic shall not be exempt, however.

In the case of plants and vegetative material, specific guidelines are laid down here; for seed, however it shall be understood that importation from a reputable commercial seed source within the Republic of South Africa is unrestricted except when specified.

DEFINITION OF TERMS:

1. *Additional Declaration (AD)*:— The special conditions referred to on the plant import permit may necessitate an additional declaration applicable to the particular plant item to be imported that must be attached to the phytosanitary certificate (Pc).
2. *Declaration (D)*:— A sworn statement by the importer that the plant, plant portion, plant product or seed are imported for consumption or other purposes, and that, to the best of his knowledge and belief, such a plant or any portion thereof, will not be sold for planting purposes.
3. *Official Services Only*: — A request may be sent to the Plant Pathologist, Malkerns Research Station and thence through official channels to the Department of Agricultural Services (Quarantine Section) of the Republic of South Africa for a small quantity of imported material to receive the standard quarantine treatment, after which this can be released into Swaziland.

4. *Phytosanitary Certificate (Pc)*: — A certificate approved by the International Plant Protection Convention, 1951, and issued by the Department of Agriculture in the country of origin.

5. *Country of Origin*: Country of origin means the country where the plants, etc. were grown.

6. *Plant Import Permit (PIP)*: — A permit issued in advance by the Ministry of Agriculture, Mbabane, for the introduction of plant material and related products.

7. *Prohibited (Pr)*: — Importation is forbidden to the public.

8. *Treatment (Tr)*: — An appropriate means of disinfection or deinfestation to be indicated on the PIP.

(a) *Fungicidal Treatment*. Suggestions listed do not preclude others suitable.

(b) *Fumigation*.

(i) with Methyl bromide: plants etc. to be fumigated in a gastight chamber or under gas-tight tarpaulins at a dosage of 48g per lm^2 for 24 hours, or by using any other effective dosage or exposure time.

(ii) with HCN: plants, etc. to be fumigated in a gas-tight chamber for 45 minutes using 30g sodium cyanide, & 35g sulphuric acid (66° Beaume, or above 93%) and 60 millilitres of water for every 6m^3 for dormant plants, and in the case of plants with foliage for every 10m^3 .

(iii) with Phostoxin (aluminium phosphide liberating phosphine gas): seed to be fumigated in a gas-tight container, or under gas-tight tarpaulins for a period of at least four days, using one two-gram tablet per cubic metre or ten tablets per ton of seed for an exposure time of 96 hours.

Phostoxin tablets are prescribed in preference to methyl bromide for the fumigation of seed because phostoxin does not adversely affect germination when used at recommended dosages. Any effective fumigant other than phostoxin may be used however, and the application of any effective contact insecticide is also acceptable as an alternative to fumigation.

9. *Vegetative material*: — Any living plant portion, e.g. bulbs, rhizomes, corms, suckers, runners, cuttings, grafts, scions, etc. which can be used for propagation, but excluding plants and seeds.

10. *Seed*: — In the botanical sense of the term, or the dried fruits containing seed in certain cases.

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FRUIT AND SEED CROPS

- | | |
|---|---|
| 1. Fruits in general and those not listed below | 15. Musaceae (Bananas, Plantain, <i>Abaca</i> spp. & <i>Heliconia</i> spp.) |
| 2. Anacardiaceae (Mango & Cashew) | 16. Olive |
| 3. Avocado | 17. Palms (Date & Oil) |
| 4. Citrus | 18. Passion fruit (Grenadilla) |
| 5. Cocoa | 19. Paw-paw |
| 6. Coconut | 20. Pecan |
| 7. Coffee | 21. Persimmon |
| 8. Cola | 22. Pineapple |
| 9. Custard apple | 23. Rosaceous Fruits (Apples & Pears, etc.) |
| 10. Grape vine | 24. <i>Rubus</i> (Blackberry, Raspberry, etc.) |
| 11. Guava | 25. Sesame |
| 12. Kiwi Fruit | 26. Strawberry |
| 13. Litchi | 27. Sunflower |
| 14. <i>Macadamia</i> | 28. Tung Oil |
| | 29. Walnut |

1. Fruit & seed crops in general and those not listed below

- (a) From the Republic of South Africa, Botswana, Lesotho & Namibia
- (b) Fruits from Asia E of 60° longitude, the Pacific Islands & other countries where *Dacus dorsalis* & *Anastrepha ludens* occur.
- (c) Fruits from other countries and seed in general

PIP. Freedom from insects & mites in general

Prohibited

PIP, Pc, AD — freedom from insects, mites and nematodes, and diseases due to vira, bacteria, fungi and nematodes. Freedom from *Conotrachelus mexicanus*, *Conotrachelus nenuphar* (stone fruits), *Ceratitis capitata*, *Cydia molesta*, *Eriosoma lanigerum*, *Hyphantria cunea*, *Poppilia japonica*, *Quadraspidiotus perniciosus*, *Tomato ringspot virus*. Seeds to be treated with suitable fungicide (e.g. Captan, copper oxychloride).

2. Anacardiaceae

Including *Mangifera indica* (Mango)*Anacardium occidentale* (Cashew)

(a) Plants and rooted material

Prohibited except from the Republic of South Africa, Botswana, Lesotho and Namibia.

PIP, Pc, AD — freedom from *Hemicriconemoides mangiferae* and pests and diseases listed below;

(b) Unrooted vegetative material and seed.

PIP, Pc, Tr — with appropriate fumigant

(c) Fruit from Asia east of 60° longitude, Pacific islands and other countries where *Dacus dorsalis* (Oriental fruit fly) and *Anastrepha ludens* occur.

Prohibited

(d) Fruit from other countries;

PIP, Pc, AD — freedom from all stages of Trypetidae with specific reference to *Dacus dorsalis* (Oriental fruit fly), *D. tryoni*, *Anastrepha fraterculus* and *A. mombinpraeoptans*. Freedom from *Melanops perseae*, *Sternonchus mangiferae* (mango seed weevil): East & West Tropical Africa.*Ceratitis catorii* (Madagascarene fly): Malagasy & Mauritius*C. cosyra* (Tropical fruit fly): Southern Africa.*C. malagassa* (Tropical fruit fly): Malagasy.*Oligonychus mangiferus* (spidermite): Mozambique, Mauritius, India, Pacific Islands.*Heterobostrychus aequalis*: Malagasy, Mauritius, Seychelles, Asia and Pacific Islands.*Oligonychus biliariensis* (spidermite): West Indies, Pacific Island and India.*Eriophyes pyri* (pear blister mite): Kenya, Rhodesia, Southern Africa.*Quadraspidiotus perniciosus* (San Jose Scale): Rhodesia, Congo, Southern Africa, North Africa. Freedom from virus diseases, especially from *Mango bunchy top virus*.

3. Avocado

(Persea spp., including P. americana)

(a) Plants and rooted material

Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from diseases and pests listed below.

(b) Unrooted vegetative material and seed

Official Services only. PIP, Pc, AD — freedom from bacterial diseases and other diseases and pests listed below.

(c) Fresh fruit

i. From Asia east of 60° longitude, the Pacific Islands and other countries where *Dacus*

dorsalis (Oriental fruit fly) and *Anastrepha ludens* (Mexican fruit fly) occur.

ii from other countries

Prohibited

PIP, P, AD — freedom from *Avocado pear sunblotch virus*, *Cercospora purpurea*, *Phytophthora cinnamomi* and other spp, fruit flies and other insects with specific reference to *Dacus dorsalis*, *Dacus tryoni*, *Anastrepha ludens*, *A. mombinpraeoptans*, *Anuraphis persicae niger* (black peach aphid), *Oligonychus mangiferus* (tetranychid mite), *Ceroplastes ruisci* (scale insect) and *Rhagoletis* spp. Freedom from insects and mites in general. Inspection on arrival and treatment if necessary.

4. Citrus

(Also including ornamental Rutaceae).

N.B. A certificate from the Swaziland Citrus Board must be obtained for (a), (c), (e), (f), & (g).

(a) Plants or rooted material

Pr. from outside the Republic of South Africa.

PIP, Pc from within the Republic of South Africa. AD — freedom from *Aceria sheldoni* (citrus bud mite), *Calacarus citrifolii* (citrus grey mite), *Dacus tsueonis*, *Eriophyes sheldoni*, *Hemitarsonemus latus* (yellow tea mite), *Lepidosaphes beekii*, *Panonychus citri* (citrus red bud mite), *Radopholus similis*, *Scaphytopius nitridus*, *Tylenchulus semipenetrans*; *Aleurocanthus spiniferus* (orange spiny white fly), *Aleurocanthus woglumi*, *Aphytes lepidosaphes* (mussel scale), *Aonidiella aurantii* (red scale), *Ceroplastes* spp (wax scale), *Diaphorina citri* (Oriental or Asian citrus psylla), *Parlatoria citri* (citrus red bud mite), *Parlatoria oleae* (olive scale), *Toxoptera citricida* ("tropical", "oriental" "black" or "brown" citrus aphid), *Trioza erytrae* (South African citrus psylla); citrus greening disease, concentric ring blotch disease and other virus diseases including those due to *Tristeza*, *Cachexia*, *Psorosis*, *Exocortis* & *Impietratura*.

Prohibited

Official Services only or by special request. PIP, Pc, AD — freedom from *Xanthomonas citri* and *Citrus stubborn mycoplasma*

Pr. from countries where *Xanthomonas citri* (Bacterial canker) is known to occur.

PIP, Pc.

(b) Vegetative material or clones that can be grown from seed

(c) Vegetative material or clones that cannot be grown from seed, including ornamental Rutaceae.

(d) Dead portions, fruit, unprocessed orange peel (excluding candied citrus peel)

(e) Seed

Outside the Republic of South Africa, PIP, Pc, AD: — freedom from *Xanthomonas citri* (Bacterial canker) and *Citrus stubborn mycoplasma*. Tr — Hydrogen peroxide (50% solution) for 10 min. or 8 Hydroxyquinolene sulphate (1% solution) 45 seconds immersion.

(f) Fruit

i. From countries where *Xanthomonas citri*, *Dacus dorsalis*, *D. tryoni*, *Anastrepha fraterculus*, *A. ludens* and *A. mombinpraeoptans* occur.

Prohibited

ii From other countries including the the Republic of South Africa, destined for sale within Swaziland.

PIP, Pc, AD: — freedom of country of origin from *Xanthomonas citri*, *Dacus dorsalis*, *D. tryoni*, *Anastrepha fraterculus*, *A. ludens* and *A. mombinpraeoptans*. Freedom of fruit from insects and mites. Tr. if necessary.

(g) Fruit for processing

PIP, Pc., AD as above. Other conditions:-

- (1) fruit to be processed in a canning factory and not to be distributed elsewhere for any purpose.
- (2) All fruit and containers to be sterilized. AD — freedom from foot and mouth disease, from the Veterinary Department of the country of origin.
- (3) Packing material to exclude straw and any other plant material.

(h) Ground peel

PIP, Pc, AD— freedom of country of origin from *Xanthomonas citri*.

(i) Citrons from Israel for Jewish religious occasions citrus peel

- (1) Fruit to be disinfected on arrival by immersion in 1% sodium hypochlorite solution.
- (2) Fruit to be destroyed after use in the presence of a plant inspector.

(j) Fruit for immediate consumption, & candied citrus peel from the Republic of South Africa only

Two bags (20kg) per person, unrestricted.

5. Cocoa

(*Theobroma cacao* and other spp.)

(a) Plants, dead portions and fruit for other purposes than consumption or propagation

Prohibited except from the Republic of South Africa. PIP, Pc, AD—freedom from pests and diseases below.

- (b) Fruit for consumption Unrestricted from the Republic of South Africa. Otherwise PIP, Pc, AD — freedom from *Marasmius perniciosus* and *Monilia roreri*. D.
- (c) Vegetative propagation material
- i. From South American States, the West Indies and all countries where *Marasmius perniciosus* and *Monilia roreri* occur. Prohibited
 - ii. From other countries Official Services only, PIP, Pc, AD — freedom from *Cacao swollen shoot virus*, *Phytophthora palmivora* and *Ceratocystis fimbriata*. Declaration that *Marasmius perniciosus* and *Monilia roreri* do not occur in the country of origin. Freedom from *Distantiella theobromae* and *Planococcoides njalensis* (of restricted distribution in Africa).
- (d) Seed and fruit for planting Official Services only. PIP, Pc, AD — that parent plants were inspected during active growth and found free from *Marasmius perniciosus*, *Monilia roreri*, *Ceratocystis fimbriata*, *Phytophthora palmivora* and *Cacao swollen shoot virus*. Tr with an appropriate fungicide and fumigant e.g. Captan (60g/45kg seed) and Phostoxin.
- (e) Seed or related genera from other countries. PIP, Pc, AD, Tr with an appropriate fungicide and fumigant.

6. Coconut

Cocos (all species) & specifically *Arecastrum romanzoffianum*, *C. nucifera*, *C. weddelliana*, *C. romanzoffianum*, *Syagrus* spp.

- (a) Plants, unrooted vegetative material outside the Republic of South Africa Pr. or Official Services only. In the latter case PIP, Pc, AD — freedom from red ring disease (*Rhadinaphelenchus cocophilus*, (*Rhyncophorus palmarum*)), Cadang-cadang, Root wilt, lethal yellowing, leaf scorch, Timangaja disease, Bronze leaf wilt, Bristle top disease (Guam disease); and *Phytophthora palmivora*. Treatment — an appropriate fungicide upon arrival.
- (b) Seed for propagation
- i. From countries where the following diseases occur; Red ring disease caused by *Rhadinaphelenchus cocophilus* (*Rhyncophorus palmarum*), Cadang-cadang, Root wilt, Lethal yellowing, leaf scorch, Timangaja disease, Bronze leaf wilt, Bristle top disease (Guam disease) Prohibited

- ii. Seed from other countries
- PIP, Pc, AD — that the following diseases do not occur in the country of origin: Red ring disease caused by *Rhadinaphelenchus cocophilus* (*Rhyncophorus palmarum*), Cadang-cadang, Root wilt, Lethal yellowing, Leaf scorch, Timangaja disease, Bronze leaf wilt, Bristle top disease (Guam disease). Declaration of freedom of seeds from *Phytophthora palmivora*. Tr.— with 50% hydrogen peroxide or in 1% hydroxyquinoline for 45 seconds — Fumigation with an appropriate fumigant e.g. Phostoxin.
- (c) Coconuts for consumption
- PIP, Pc, AD — freedom of country of origin from the nematode *Rhadinaphelenchus cocophilus*. Tr. — fumigation with methyl bromide. Declaration.
7. Coffee
- (All species of *Coffea*, including *C. arabica*)
- (a) Plants, berries and vegetative material
- Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from *Ceroplastes luteolus*, *C. rubens*, *Diarthrothrips coffeae*, *Geococcus coffeae*, *Hypanthenemus hampei*, *Leucoptera coffeella*, *L. meyricki*, *Meloidogyne coffeicola*, *Pellicularia koleroga*, *Planococcus kenya*, *Pratylenchus coffeae*, *Stephanoderes hampei* & *Xylosandrus morigerus*.
- (b) Seed for planting from other countries, including African countries.
- Official Services only. PIP, Pc, AD — Parent plants were inspected during active growth and found free from virus diseases, *Colletotrichum coffeanum*, *Pellicularia koleroga* and *Pseudomonas garceae*,
- (c) Commercial coffee (including Green coffee)
- Unrestricted
8. Cola
- (*Cola acuminata* & *Cola spp.*)
- (a) Rooted plants
- Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from pests & diseases below.
- (b) Unrooted material from the African Continent
- PIP, Pc, AD that parent plants were inspected during active growth and found free from *Cacao swollen shoot virus*. Freedom from *Balanogastriis colae* (Cola weevil).
- (c) Seed
- PIP, Pc, Tr — with an appropriate fumigant e.g. Phostoxin.

9. Custard apple (Cherimoya)
(*Anona cherimola*)

(a) Plant material

Prohibited except from the Republic of South Africa. PIP, Pc.

(b) Seed

PIP, Pc, AD — freedom from *Phomopsis anonae*, *Phytophthora palmivora* and *Cylindrocladium quinqueseptatum*.

10. Grapevine (*Vitis* spp.)

(a) Plants

(b) Dead portions excluding seed, juice and wine.

(c) Unrooted propagation material from countries where Pierce's disease occurs.

(d) Unrooted propagation material from other countries.

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from *Lobesia botrana* (vine moth) and downy mildew (*Plasmopara viticola*)

Official Services only, PIP, Pc, AD — freedom from *Exosporium sultanae*, *Phomopsis viticola*, *Phytophthora cinnamomi*, *Grapevine flavescence dorée*, *Physopella ampelopsidis* (rust), *Coniella diplodiella* (white rot), *Alfalfa dwarf virus* and *Arabis mosaic virus*, *Peach rosette mosaic virus* and *Tomato black ring virus*. Declaration that *Pierce's disease*, *Viteus vitrifolii* (*Phylloxera*) and *Xanthomonas ampelina* do not occur in the country of origin. Freedom from *Lobesia botrana* (vine moth), *Aleurocanthus woglumi*, *Brevipalpus lewisi*, *Erythroneura comes*, *Eupoeccilia ambiguella*, *Fidia viticida*, *Paramyelois transistella* and downy mildew (*Plasmopara viticola*).

(e) Fruit from Asia east of 60° longitude and countries where *Dacus dorsalis* and *Anastrepha fraterculus* occur

(f) Fruit from other countries

Prohibited

PIP, Pc, AD — freedom from all species of fruitfly. Declaration that *Coniella diplodiella* and *Guignardia bidwelli* do not occur in the area of production. Freedom from *Guignardia citricarpa*.

Official services, PIP, Pc, Tr — if required.

(g) Seed

11. Guava

(*Psidium guajava*)

(a) Plants

Prohibited except from the Republic of South Africa, Botswana, Lesotho & Namibia. PIP, Pc, AD — freedom from pests & diseases below.

(b) Plant material from India

Prohibited.

(c) Unrooted material from elsewhere

PIP, Pc, AD — freedom from *Anastrepha fraterculus*, *Gloeosporium psidii*, *Glomerella psidii*, *Hendersonula toruloidea*, *Pestalotia psidii* & *Puccinia psidii*.

(d) Seed

Unrestricted.

12. Kiwi fruit, Chinese gooseberry
(*Actinidia chinensis*)
- (a) Plants Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.
 - (b) Unrooted vegetative material & fruit PIP, Pc, Official services only.
 - (c) Seed PIP.
13. Litchi
(*Litchi chinensis*)
- (a) Plants or rooted material Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from pests and diseases below.
 - (b) Unrooted material outside the Republic of South Africa Official Services only. PIP, Pc, AD — parent plants were inspected during active growth and found free from *Ceuthospora litchii* (Leaf curl) and *Clitocybe tabescens* (Mushroom root rot).
 - (c) Fruit outside the Republic of South Africa. PIP, Pc, AD on freedom from all living stages Trypetidae with specific reference to *Dacus dorsalis*, *D. tryoni*, *Anastrepha fraterculus*, *A. mombinpraeoptans*, and *A. ludens*. Fruit to be free from other insects and mites. Inspection on arrival and treatment if necessary.
14. *Macadamia*
- (a) Plants Prohibited except from the Republic of South Africa, Botswana, Lesotho and Namibia. PIP, Pc, AD — freedom from *Phytophthora cinnamomi* and other spp.
 - (b) Unrooted material outside the Republic of South Africa Official Services only, PIP, Pc, AD — freedom from *Phytophthora cinnamomi* and other spp. Tr — Fumigation and treatment with an appropriate fungicide upon arrival.
 - (c) Seed PIP, Pc, Tr — with an appropriate fumigant e.g. Phostoxin.
15. Musaceae (including Banana, Plantain, *Abaca*, *Ensete* and *Heliconia*)
- (a) i. Plant material from countries where *Pseudomonas solanacearum* — banana race (Moko disease), *Xanthomonas celebensis* (Blood disease), *Pseudomonas maublanci* (Black bud rot), *Mycosphaerella fijiensis* (Black leaf streak), *M. musicola* (Sigatoka disease), and the nematode *Radopholus similis* occur. Prohibited.

- ii. Plant material from other countries.
- PIP, Pc, AD — freedom from *Heliocotylechus multicinctus*, *Stephanitis typica* and the virus diseases *Banana bunchy top* and *Abaca mosaic virus*. Declaration that the nematode *Radopholus similis* and the pathogens *Pseudomonas solanacearum* (Banana race), *Ps. maublanci*, *Xanthomonas celebensis* and *Mycosphaerella fijiensis* and *M. musicola* do not occur in the country of origin. Declaration that *Fusarium oxysporum* f. sp. *cubense*, (Panama disease) & *Erwinia carotovora* f. sp. *musae* (Bacterial rhizome rot) do not occur in the area of production. Declaration that plant material is free from nematodes belonging to the genera *Meloidogyne* and *Pratylenchus*.
- (b) Fruit from outside the African Continent
- PIP, Pc.
- (c) Fruit from African countries
- PIP, Pc, AD — freedom of fruit from insect and mite infestations with special reference to Trypetidae (Fruit flies) and Diaspididae (Scale insects). Inspection and treatment if necessary upon arrival.
- (d) Dead portions, fibre, packing material
- Prohibited
- (e) Seed
- PIP, Pc, Tr — an appropriate fungicide and fumigant e.g. Captan (60g/45 kg seed) and Phostoxin.
16. Olive
(*Olea* spp.)
- (a) Plants & vegetative material
- Unrestricted from the Republic of South Africa, Botswana, Lesotho & Namibia. Otherwise PIP, Pc, AD — freedom from *Pseudomonas savastanoi* and *Parlatoria oleae*.
- (b) Seed
- Unrestricted.
- (c) Fruit from Asia E of 60° longitude, the Pacific Islands and all countries where *Dacus dorsalis* or *Anastrepha ludens* occur.
- Prohibited.
- (d) Fruit from the Republic of South Africa
- Unrestricted
- (e) Fruit from other countries
- PIP, Pc, AD — freedom from fruit flies *Anastrepha ludens*, *A. mombinpraeoptans*, *Dacus tryoni*. Freedom from mites. Inspection on arrival & treatment if necessary.
17. Palms (Excluding Coconut palms, above)
Dates, Oil palm, etc. (*Phoenix dactylifera*, *Acrocomia intremescens*, *Oreodoxa regia* and *Elaeis* spp.)

- (a) Plant material and seed.
- i. from countries where Red ring disease or the causal agent *Rhadinaphelenchus cocophilus* (*Rhyncophora palmarum*) occurs.
 - (ii) Plant material or seed from other countries.
 - iii. Processed dates for consumption
18. Passion fruit (Grenadilla) (*Passiflora* species)
- (a) Plants and rooted material
 - (b) Unrooted vegetative material.
 - (c) Seed
19. Pawpaw (*Carica papaya*)
- (a) Plants and vegetative material.
 - (b) Seed
20. Pecan (*Carya* spp.)
- (a) Plants and rooted material
 - (b) Unrooted propagation material.

Prohibited.

Official Services only. PIP, Pc, AD — Red ring disease caused by *Rhadinaphelenchus cocophilus* (*Rhyncophora palmarum*) does not occur in the country of origin. Declaration that the disease caused by *Mauginiella scattae* and *Marasmius palmivora* do not occur in the area of production. Freedom from *Calconyces catori*, *Coelomenodera elaeidis*, *Fusarium oxysporum*, f. sp. *albedinis*, *Melithomma insulare*, *Oligonychus pratensis*, *Parlatoria blanchardii*, *Pseudococcus nipae* and *Pseudotheraptus wayi*.

Unrestricted

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia.

PIP, Pc, AD — freedom from *Colletotrichum gloeosporoides* (stem anthracnose) & *Passion fruit woodiness virus* (PWV)

PIP, Pc, AD — freedom from diseases above.

Unrestricted.

Prohibited outside the Republic of South Africa on account of the virus diseases due to *Papaya distortion ringspot virus*, *Papaya leaf curl*, *Papaya mosaic* and *Papaya yellow crinkle*, as well as *Phytophthora palmivora*.

From the Republic of South Africa: PIP, Pc, AD — freedom from diseases listed above and from *Asperosporium caricae*.

Unrestricted.

Restricted except from the Republic of South Africa, Lesotho, Botswana and Namibia, PIP, Pc, AD — freedom from pests & diseases below.

PIP, Pc, AD — freedom from *Microsphaera alni* (Powdery mildew) and *Pellicularia kole-roga* (thread blight). Mother plants to be inspected during active growth and found free from Shuck die-back disease and navel orange moth (*Paramyelois transitella*)

- (c) Seed (Nuts)
 i. processed for consumption. PIP, Pc, AD — freedom from *Paramyelois transitella* unless from the Republic of South Africa.
 ii. unprocessed PIP, Pc, Inspection upon arrival and fumigation if necessary.
21. Persimmon (*Diospyros* spp.)
 (a) Rooted plant material outside the Republic of South Africa Prohibited on account of susceptibility to *Radopholus similis* and *Trophotylenchulus florodensis*
 (b) Unrooted plant material
 i. From countries where *Cephalosporium diospyri* occurs Prohibited
 ii. From other countries PIP, Pc, AD — *Cephalosporium diospyri* (Persimmon wilt) does not occur in the country of origin. Tr — with an appropriate fumigant.
 (c) Seed and Fruit
 i. From countries where *Cephalosporium diospyri* occurs Prohibited
 ii. From other countries Unrestricted.
22. Pineapple
 (*Ananas comosus*)
 (a) Rooted material Prohibited
 (b) Unrooted vegetative material Official Services only, except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc, AD — freedom from mites, nematodes, insects, especially *Diaspis bromeliae* (pineapple scale), bacterial & virus diseases, especially *Tomato spotted wilt*, *Erwinia ananas*, *Phytophthora ananas*, *Fusarium* spp., and *Phytophthora* spp. including *P. cinnamomi*, *P. palmivora* & *P. parasitica*. Tr with appropriate fumigant if necessary.
 (c) Fruit
 i. From Asia east of 60° longitude, the Pacific Islands and all countries where *Dacus dorsalis* occurs Prohibited.
 ii. From other countries PIP, Pc, AD — freedom from all living stages of Trypetidae with specific reference to *Dacus dorsalis*, *D. tryoni*, *Anastrepha ludens*, *A. mombinpraeoptans* and *A. fraterculus*. Freedom from insects & mites. Inspection on arrival and treatment if necessary.
23. Rosaceous Fruit (Fresh and Unprocessed; apples, apricots, cherries, peaches, pears, plums, quinces)

Importation from all countries subject to specific phytosanitary requirements:-

(a) Apples from Canada

Freedom from *Carpocapsa pomonella* (codling moth), *Carposina nipponensis*, *Dacus zonatus* *Grapholitha prunivora*, *Hemitarsonemus latus* (yellow tea mite), fruit flies especially *Rhagoletis pomonella* (apple maggot), cherry fruit flies (*R. cerasi*, *R. cingulata*, *R. fausta*), *Tachypterellus quadrigibbus*, *Anastrepha fraterculus*, *Dacus tryoni* (Queensland fruit fly), other insects and mites. Inspection on arrival and treatment if necessary.

PIP, Pc, AD —

(a) Fruit to be found free from all live phytophagous mites, injurious insects and/or their eggs, of species not recorded in Southern Africa, except the pear rust mite, *Aculus schlechtendali*.

(b) Fruit to be obtained from orchards free of fireblight (*Erwinia amylovora*).

(c) Fruit to be treated with an appropriate bactericide.

(d) Fruit to be of a good quality and from cultivars highly resistant to *E. amylovora*.

(e) Fruit not to arrive in Swaziland before 5th November of any year.

(f) Fruit to be packed in new containers.

PIP, Pc, AD —

(a) Fruit to be free from all live phytophagous mites, injurious insects and/or their eggs, of species not recorded in Southern Africa, except the pear rust mite, *Aculus schlechtendali*.

(b) Fruit to be obtained from orchards in areas south of 48° N latitude.

(c) Fruit to be dipped post-harvest in an appropriate fungicide.

(d) Fruit to be obtained from cultivars resistant to *Nectria galligena*.

(e) Fruit to be packed in new containers.

PIP, Pc, AD—

(a) Fruit to be free from all live phytophagous mites, injurious insects and/or their eggs, of species not recorded in Southern Africa, except the pear rust mite, *Aculus schlechtendali*.

(b) Fruit to be obtained from orchards free from fire blight (*Erwinia amylovora*) and from cultivars resistant to *Nectria galligena*.

(c) Fruit to be treated with an appropriate bactericide.

(d) Fruit to be dipped post-harvest in the appropriate fungicide.

(b) Apples from France

(c) Apples from Britain

- (e) Fruit to be of good quality and free of rot upon arrival.
- (f) Fruit not to arrive in Swaziland before November 5th of any year.
- (g) Fruit to be packed in new containers.
- (d) Pears from France
- PIP, Pc, AD—
- (a) Fruit to be free from live insects and/or their eggs or immature stages with specific reference to *Psylla pyricola* and *Aphanostigma piri*; and that the orchards from which the fruit were taken have been certified to be free of these pests.
- (b) Fruit to be free from live phytophagous mites and/or their eggs, of species not recorded in South Africa, except the pear rust mite, *Aculus schlechtendali*. Freedom especially from *Eriophyes pyri* (pear blister mite).
- (c) Fruit to be obtained from orchards in areas south of 48°N latitude and known to be free from fire blight (*Erwinia amylovora*).
- (d) Fruit to be packed in new containers.
- (e) Miscellaneous, from South East and East Asia east of 60° longitude, the Pacific Islands or other countries where *Dacus dorsalis* or *Anastrepha ludens* occur.
- Prohibited
24. *Rubus* spp. (Blackberry = *R. fruticosus*, Loganberry = hybrid, Raspberry = *R. idaeus*, Youngberry, etc.)
- (a) Whole plants and cuttings
- Unrestricted from the Republic of South Africa. PIP. From elsewhere: PIP, Pc, AD — parent plants were found free of *Erwinia amylovora*, bacteria & viral diseases. Material to be rooted in sterilized medium. Freedom from live insects and mites, *Hamasporea longissima*, *Synchytrium endobioticum*, *Peronospora rubi* and diseases listed below.
- (b) Seed
- PIP, Pc, AD — freedom from *Blackberry dwarf virus*, *Raspberry leaf curl virus* (American) *Raspberry ringspot virus*, *Erwinia amylovora* & *Peronospora rubi*.
25. Sesame (*Sesamum indicum*)
- (a) Plant material
- Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc,.
- (b) Seed
- PIP, Pc, AD — freedom from *Cercospora sesami*, *Drechslera sesami*, and *Macrophomina phaseolina*. Treatment with an appropriate fumigant and fungicide.

26. Strawberry

(Fragaria vesca)

(a) Plants & Fruit

Unrestricted from the Republic of South Africa. Otherwise PIP, Pc, AD — freedom from *Corynebacterium fascians*, *Phytophthora fragariae*, *Xanthomonas fragariae*, *Green petal virus disease*, *Acleris comariana* (strawberry tortrix), *Anthonomus signatus* (strawberry weevil), *Aphelenchoides besseyi*, *Aphelenchoides fragariae*, *Aphis forbesii*, *Harpalus rufipes*, *Pterostichus madidus*, *Synanthedon bibiopennis*, and *Strawberry vein bending virus*.

27. Sunflower

(Helianthus annuus)

(a) Plants, vegetative material, dead portions and tubers for propagation.

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.

(b) Seed for propagation from

i. countries where seed-borne

Helianthus mosaic virus

occurs (Brazil, Argentina, Uganda, USSR)

Prohibited.

ii. from other countries

PIP, Pc, AD — seed-borne *Helianthus* virus does not occur in the country of origin. Freedom from *Plasmopara halstedii*, *Phoma oleracea* var. *helianthi tuberosi*, *Pseudomonas cichorii* and *Pseudomonas helianthi*. Tr. — appropriate fungicide & fumigant.

(c) Seed and tubers for consumption

i. From countries where seed-borne

Helianthus mosaic virus occurs

Prohibited

ii. From other countries.

PIP, Pc, AD — Seed-borne *Helianthus mosaic virus* does not occur in country of origin.

28. Tung Oil Tree (*Aleurites cordata*, *A. fordii* & *Aleurites* spp.)

(a) Plants and vegetative material

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.

(b) Seed

PIP, Pc, AD — freedom from *Pseudomonas aleuritidis*, *Phytophthora palmivora* and *Septobasidium aleuritidis*. Tr — with an appropriate fungicide and fumigant.

29. Walnut (*Juglans* spp.)

(a) Plants and rooted material

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD as below.

(b) Unrooted vegetative material

Official Services only. PIP, Pc, AD — freedom from *Erwinia rubrifaciens*, *Xanthomonas juglandis*, *Paramyelois transitella* (navel orange moth), *Datana integerrima*, & *Rhagoletis completa*.

(c) Seed

- i. processed for consumption
- ii. unprocessed

Unrestricted

PIP, Pc, Inspection upon arrival and fumigation if necessary

VEGETABLES & SPICES

1. Vegetables and spices in general and those not listed below
2. *Allium* spp. (onion, garlic, shallot)
3. Artichoke
 - a. Jerusalem
 - b. Globe
4. Asparagus
5. Beet
6. Cabbage
7. *Capsicum* spp. (peppers & chillies)
8. Carrots
9. Cassava & Tapioca
10. Celery
11. Coriander
12. Cucurbits (pumpkin, squash, cucumber, etc)
13. Fenugreek
14. Ginger, Arrowroot & Turmeric
15. Lettuce
16. Mint
17. Parsnip
18. Pepper
19. Radish
20. Rhubarb
21. Salsify
22. *Solanum* (potato & eggfruit)
23. Spinach
24. Sweet potato
25. Tomato
26. *Vanilla*
27. Watermelon
28. Yams

1. Vegetables and spices in general and those not listed below.

(a) From the Republic of South Africa only

PIP. Freedom from insect and nematode pests, viruses, bacteria and fungi.

- (b) From countries where the Colorado beetle (*Leptinotarsa decemlineata*) occurs. Prohibited
- (c) From other countries PIP, Pc, AD as deemed necessary. Freedom from *Anomala orientalis*, *Poppilia japonica* & *Tomato ringspot virus*.
- (d) Seed Unrestricted only if from a reputable seed source. PIP, Pc, AD — freedom from relevant viruses, bacteria fungi and plant pests.
2. *Allium* (all species excluding ornamentals - garlic, leeks, onions, shallots, etc.)
- (a) Plants and dead portions } Prohibited except from the Republic of South Africa, Lesotho, Botswana, Namibia. PIP, Pc, AD — freedom from *Petrobia latens* & *Thrips tabaci*.
- (b) Vegetable material of species which can be grown from seed }
- (c) Vegetative material of species which cannot be grown from seed, viz. shallots, garlic, etc.
- i. From countries where *Urocystis cepulae* (Onion smut) occurs Prohibited
- ii. From other countries PIP, Pc, AD — *Urocystis cepulae* (Onion smut) does not occur in the country of origin. Freedom from *Onion yellow dwarf virus* & *Puccinia asparagi* (Asparagus rust). Freedom from plant parasitic nematodes with specific reference to *Ditylenchus dipsaci*, *D. destructor*, *Meloidogyne* spp., *Pratylenchus* & *Heterodera* spp. Wart disease (*Synchytrium endobioticum*) must not occur in the immediate area of production. Freedom from *Acrolepis assectella*, (leek moth), *Petrobia latens* and *Thrips tabaci*. Consignment to be free from soil and dead vegetative material.
- (d) Vegetative material for consumption or processing PIP, Pc, AD — Onion smut (*Urocystis cepulae*) does not occur in the country of origin. Wart disease (*Synchytrium endobioticum*) does not in the area of production. Freedom from *Puccinia asparagi* (Asparagus rust). Freedom from nematodes, especially *Ditylenchus dipsaci*, *D. destructor*, *Heterodera* spp. & *Pratylenchus coffeae*. Freedom from the wheat curl mite (*Eriophyes (Aceria) tulipae*) and from all living stages of the Colorado potato beetle (*Leptinotarsa decemlineata*), *Petrobia* and *Thrips*, or must have had fumigation with methyl bromide. Consignment to be free of soil.
- (e) Garlic for consumption PIP, Pc.

(f) Seed

PIP, Pc, AD:- Seed is free from *Ditylenchus dipsaci* naturally or by treatment. Tr. — Appropriate fungicide treatment against spores of *Urocystis cepulae* e.g. Ceresan M.

3. Artichoke

(a) Jerusalem artichoke
(*Helianthus tuberosus*).

(a) Plant material excluding seed

Prohibited except from the Republic of South Africa, Botswana, Lesotho and Namibia.
PIP, Pc, AD as below.

(b) Seed for cultivation:

- i. From countries where the seed-borne *Helianthus mosaic virus* occurs (Argentina, Brazil, Uganda, USSR)

Prohibited

- ii. From other countries

PIP, Pc, AD — Seedborne *Helianthus mosaic virus* does not occur in the country of origin. Mother plants were inspected during active growth and found free from *Plasmopara halstedii*, *Phoma oleracea* var. *helianthi tuberosi*, *Pseudomonas cichorii* and *Pseudomonas helianthi*. Tr — with an appropriate fungicide & fumigant.

(c) Tubers for consumption.

- i. From countries where *Helianthus mosaic virus* occurs
- ii. From other countries

Prohibited.

PIP, Pc, AD — *Helianthus mosaic virus* does not occur in the country of origin.

(b) Globe artichoke (*Cynara scolymus* & other *Cynara* spp).

- (a) Rooted plant material
- (b) Unrooted propagation material

Prohibited

PIP, Pc, AD — freedom from plant parasitic nematodes with special reference to *Ditylenchus dipsaci*, *Meloidogyne* spp., *Radopholus similis* and *Rotylenchulus reniformis*. Freedom of mother plants from virus diseases with specific reference to *Artichoke curly dwarf virus*, *Artichoke latent virus*, *Artichoke mosaic virus* and *Artichoke mottled crinkle virus*.

(c) Seed

- i. From the U.S.A
- ii. From other countries

PIP, Pc, AD — parent plants were inspected during active growth and found free of *Artichoke curly dwarf virus*

PIP, Pc, AD — freedom from *Artichoke curly dwarf virus*

- (d) Tubers for consumption PIP, Pc, AD — freedom from *Artichoke curly dwarf virus*
4. Asparagus
- (a) Plant material excluding preserved products Prohibited, except from the Republic of South Africa, Lesotho, Botswana and Namibia.
PIP, Pc, AD — freedom from pests & diseases listed below.
- (b) Unrooted propagation material
1. From countries where *Asparagus latent virus* occurs Prohibited
- ii. From other countries PIP, Pc, AD — freedom of country of origin from *Asparagus latent virus*. Freedom from *Corynebacterium fascians*, *Cercospora asparagi*, *Phoma asparagi*, and *Puccinia asparagi*. Freedom from plant parasitic nematodes with specific reference to *Ditylenchus dipsaci*, *Meloidogyne* spp., *Radopholus similis* & *Pratylenchus* spp. Tr — with an appropriate fungicide.
- (c) Seed
- i. From countries where *Asparagus latent virus* occurs Prohibited.
- ii. From other countries PIP, Pc, AD — freedom of country of origin from *Asparagus latent virus*.
5. Beetroot (*Beta* spp.)
- (a) Plant material excluding seed Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia.
PIP, Pc, AD — as below.
- (b) Seed PIP, Pc, AD — freedom from *Beet curly top virus*, *Beet leaf curl virus*, *Tomato black ring virus*, *Corynebacterium betae*, *Pseudomonas aptata*, *Peronospora schachtii*, *Phoma betae*. Treatment with an appropriate fungicide.
6. *Brassica* spp. (Cabbage, Cauliflower etc.)
- (a) Plant material except seed Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia.
- (b) Seed PIP, Pc, AD — freedom from *Erwinia carotovora*, *Xanthomonas campestris* and *Leptosphaeria maculans* (syn. *Phoma lingam*), *Hallula phidilealis*, *Hylemyia brassicae*, *Trichoplusia ni* and *Pieris* spp. Tr. Sodium Hypochlorite against *Xanthomonas campestris*, Thiram or thiabendazole against *Leptosphaeria maculans*. General Tr: Hot/Cold water (max. 50°C) for 20 minutes.
- (c) Seed for consumption PIP.
7. *Capsicum* spp.
(Peppers and chillies)

- (a) Rooted plants Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc. AD as below.
- (b) Dried material for processing or consumption Unrestricted from areas above. Otherwise PIP, Pc.
- (c) Seed PIP, Pc, AD — freedom from *Diaporthe phaseolorum*, *Pseudomonas solanacearum*, *Xanthomonas vesicatoria* and *Phytophthora capsici*. Tr. — with an appropriate fungicide.
8. Carrot (*Daucus carota*).
- (a) Plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana, & Namibia. PIP, Pc.
- (b) Seed PIP, Pc, AD — freedom from *Alternaria radicina*. Certificate of or a Thiram soak treatment (2% aqueous solution for 24 hours at 30°C.)
9. Cassava, Sweet & Bitter & Tapioca (*Manihot aipi*, *M. esculenta*, *M. utilissima*)
- (a) Plants and dead portions Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from pests and diseases listed below.
- (b) Vegetative material for propagation
- i. From countries where Cassava brown streak virus occurs Prohibited.
- ii. From other countries except the Republic of South Africa PIP, Pc, AD — Cassava brown streak virus does not occur in the country of origin. Freedom from *Aonidomytilus albus*, Cassava mosaic virus and diseases caused by *Xanthomonas manihotis*, *X. cassavae*, *Cercospora henningsii* & other spp., *Microsphaera* and *Uromyces* spp. In the case of rooted material:- Freedom from *Ditylenchus dipsaci*, *Pratylenchus coffeae* and *Rotylenchus reniformis*.
- (c) Seed PIP, Pc. Tr — appropriate fungicide and fumigant.
- (d) Products for consumption
- i. which can be used for propagation As for (b) ii.
- ii. Processed products Unrestricted.
10. Celery & Dill (*Apium* spp., *Peucedanum* spp.)
- (a) Plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc. AD as below.

- (b) Seed PIP, Pc, AD — Parent plants to be inspected during active growth and found free from *Pseudomonas cichorii* and *Septoria apii* — or hot water treatment (30 minutes at 48°). If first declaration cannot be given, alternatively treat with thiram or thiabendazole.
11. Coriander
(*Coriandrum sativum*)
- (a) Plants and vegetative material Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.
- (b) Seed PIP, Pc, Tr with an appropriate fungicide. (e.g. Captan) and fumigant.
12. Cucurbitaceae
(*Cucumis*, *Cucurbita* spp. and *Lagenaria*;) Calabash, Canteloupe, Cucumber, Gherkins, Gourds, Melons, Muskmelons, Pumpkins, Sikay, Squash, etc.
- (a) Plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.
- (b) Seed (i) excluding muskmelon PIP, Pc, AD that parent plants were inspected during active growth and found free from visual mosaic infection, (*Cucumber green mottle virus*, *Melon mosaic virus*, *Prunus necrotic ringspot virus*). Freedom from *Dacus cucurbitae* (melon fruit fly), *Mylopandalis pandalina* (Baluchian melon fly) and *Choanephora cucurbitarum*.
- (ii) of muskmelon PIP, Pc, AD — freedom from the above and from *Muskmelon necrotic spot virus*
- (iii) for consumption only PIP
13. Fenugreek
(*Trigonella foenum — graecum*)
- (a) Rooted plants & vegetative material. Prohibited except from the Republic of South Africa.
- (b) Seed. Unrestricted from the Republic of South Africa, otherwise PIP, Pc, AD — freedom from *Cercospora transveisina*.
- (c) Seed and dried material for consumption and medicinal use only. Unrestricted.
14. Ginger, Arrowroot and Turmeric (*Zingiber officinale* and *Curcuma* spp.)
- (a) Plant material for propagation or consumption (excluding dried or processed ginger).
- i. From the Republic of South Africa. Unrestricted. PIP, Pc, AD — freedom from pests and diseases listed below.

- ii. Vegetative material from countries outside the Republic of South Africa.
- PIP, Pc, AD — freedom from *Fusarium oxysporum* var. *zingiberi*, *Phyllosticta zingiberi*, *Meloidogyne* spp. and the stemborer *Opogena sacchari*. (In the case of rhizomes the above-mentioned declaration to be based upon an inspection during active growth). Declaration that *Pseudomonas solanacearum* Race IV and the burrowing nematode *Radopholus similis* do not occur in the country of origin.
- (b) Green ginger for consumption from countries outside the Republic of South Africa
- PIP, Pc, AD — freedom of country of origin from *Pseudomonas solanacearum* Race IV and the burrowing nematode *Radopholus similis*. Inspection and fumigation with methyl bromide upon arrival. Declaration.
- (c) Dry ginger and processed ginger
- Unrestricted.
15. Lettuce (*Lactuca sativa*)
- (a) Plant material excluding seed
- Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from diseases below.
- (b) Seed
- PIP, Pc, AD — freedom from *Lactuca mosaic virus*. The level of infection with this virus in the seed shall not exceed 0.1% on mosaic indexing or alternatively, not more than 2% visible infection in the field. Freedom from *Erwinia carotovora* & *Bremia lactucae*.
16. Mint (*Mentha piperita*)
- (a) Vegetative propagation material
- PIP, Pc, AD — parent plants were inspected in the field during active growth and found free of wilt (*Verticillium dahliae*) and black stem rot (*Phoma strasserii*).
17. Parsnip (*Pastinaca sativa*)
- (a) Plant material excluding seed
- Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.
- (b) Seed
- Unrestricted.
18. Pepper (*Piper nigrum*, *P. auritum*)
- (a) Plant material
- Prohibited except from the Republic of South Africa. PIP, Pc.
- (b) Seed
- Official Services only. PIP, Pc, AD — freedom from *Anthonomus eugenii* (pepper weevil), *Spilographa electa*, *Phytophthora palmivora* and *Pellicularia koleroga*.
- (c) Dried pepper for consumption or processing
- Unrestricted.
19. Radish (*Raphanus sativus*)
- (a) Plant material excluding seed
- Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.
- (b) Seed

- i. From USA
PIP, Pc, AD — freedom from *Alternaria raphani*, *Colletotrichum higginsianum* and *Xanthomonas campestris* var *raphani*.
 - ii. From other countries
Unrestricted.
- 20. Rhubarb (*Rheum rhaponticum*)
 - (a) Plants
Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — freedom from pests & microbes below.
 - (b) Vegetative material (rhizomes)
PIP, Pc, AD — freedom from *Ditylenchus dipsaci*, *Heterodera galeopsidis*, *H. schachtii*, *H. trifolii*, *Erwinia rhapontici* & *Rhubarb mosaic virus*.
 - (c) Seed
PIP, Freedom from *Ditylenchus dipsaci*.
- 21. Salsify (*Tragopogon* & *Scorzonera*)
 - (a) Plant material excluding seed
Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.—
 - (b) Seed
 - i From Germany
PIP, Pc, AD — freedom from *Ustilago scorzonerae* (smut)
 - ii. From other countries
Unrestricted.
- 22. *Solanum* spp.
 - (a) Plant material excluding tubers & seed.
Prohibited
 - (b) *Solanum tuberosum* (potato)
 - i. Seed Potatoes as defined in the Rules for Government Certification of seed potatoes in Swaziland.
Outside the Republic of South Africa: Official Services only. If from the Republic of South Africa: PIP, Pc, A or AA certificate: substantial freedom from *Ditylenchus destructor*, *Empoasca fabae*, *Epicaerus cognatus*, *Heterodera pallida*, *Heterodera rostochiensis*, *Macrosiphum solanum*, *Pratylenchus brachyurus*; *Corynebacterium sepe-donicum*, *Pseudomonas solanacearum*; *Angiosorus solani*, *Alternaria solani* (early blight), *Phytophthora infestans* (late blight), *Phoma exigua*, *Synchytrium endobioticum*, *Verticillium albo-atrum* and viruses including *Potato spindle tuber virus*, *Potato vein yellowing virus*, *Potato yellow-dwarf virus*, *Beet curly top virus* and *Stolbur mycoplasma*.
 - ii. Potatoes for consumption
Prohibited outside the Republic of South Africa. PIP, Pc if from the Republic of South Africa.
 - iii. Seed
PIP, Pc, AD — freedom from vira, bacteria, fungi and plant pests as above. Must be obtained from a reputable seed source.

- (c) *Solanum melongena* (egg plant),
Solanum indicum & other *Solanum*
spp.
- i. Seed
- PIP, Pc, AD — freedom from *Pseudomonas solanacearum*, *Phomopsis* blight (*Diaporthe* (*Phomopsis*) *vexans*), *Brinjal mosaic virus* & *Potato spindle tuber virus*. Tr: Hot water treatment.
- ii. Fruit for consumption
- Prohibited outside the Republic of South Africa. PIP, Pc, if from the Republic of South Africa.
23. Spinach (*Spinacia oleracea*)
- (a) Plants and vegetative material
- Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc, AD — freedom from *Peronospora farinosa*.
- (b) Seed
- PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Peronospora farinosa*. Tr. with an appropriate fungicide. (e.g. Thiram).
24. Sweet potato (*Ipomoea* spp.)
- (a) Plant material for purposes other than propagation.
- Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.
- (b) Plant material for propagation
- i. Tubers
- Official services only. PIP, Pc, AD — freedom from *Ceratocystis fimbriata*, *Monilochaete infusans*, *Actinomyces ipomoeae*, *Internal cork virus*, *Russet crack virus*. Freedom from plant parasitic nematodes with specific reference to *Radopholus similis*, *Meloidogyne* spp., *Ditylenchus destructor*, *D. dipsaci*, *Rotylenchulus reniformis*, *Cricone-mo-ides* spp and *Belonolaimus* spp. Freedom from *Acraea acerata*, *Epilachna pavonia*, *Nipaecoccus nipae*, *Pseudaulacaspis pentagona*.
- ii. Vines
- Official services only. PIP, Pc, AD — Freedom from *Ceratocystis fimbriata*, *Monilochaete infusans*, *Actinomyces ipomoeae*, *Internal cork virus* and *Russet crack virus*.
- (c) Seed
- Unrestricted.
25. Tomato (*Lycopersicum esculentum*.)
- (a) Plant material excluding seed
- Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — Freedom from *Phthorimaea opercul-ella*, *Keiferia lycopersicella* & *Verticillium albo-atrum*.

- (b) Fruit from countries where the tomato fruit fly (*Pardalaspis cyaneus*) is known to occur (including Madagascar, Mauritius & Reunion) Prohibited.
Other countries: Official Services only.
- (c) Seed, including that from the Republic of South Africa, Lesotho, Botswana & Namibia must be from a reputable commercial seed source PIP, Pc, AD — Freedom from *Corynebacterium michiganense*, *Didymella lycopersici*, *Verticillium spp.*, *Potato spindle tuber virus* (*Tomato bunchy top virus*), *Tomato black ring virus*, *Tomato ringspot virus*, & *Beet curly top virus*. Freedom from *Hemitarsonemus latus* (yellow tea mite), *Aceria lycopersici*, *Aculus lycopersici* and *Pardalaspis cyaneus*. Tr. appropriate fungicide or hot water treatment.
26. *Vanilla* (all spp.)
- (a) Plants Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from diseases below.
- (b) Vegetative material PIP, Pc, AD — plants were inspected during active growth and found free from *Phytophthora* spp. (Black rot) and *Fusarium oxysporum* f. sp. *vanillae* (Root rot). Material to be completely stripped of roots before despatch.
27. Watermelon (*Citrullus vulgaris*)
- (a) Plants and vegetative material Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — freedom from diseases below.
- (b) Seed PIP, Pc, AD — Mother plants were inspected during active growth and found free from *Physalospora rhodina* and the virus diseases: *Melon mosaic virus*, *Muskmelon mosaic virus* and *Squash mosaic virus*.
28. Yams (*Dioscorea* spp.)
- (a) Plants or rooted plant material Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from diseases below.
- (b) Unrooted propagation material PIP, Pc, AD — freedom from *Yam mosaic virus*, bacterial diseases and *Goplana dioscorea* (rust). Tr — with an appropriate fungicide.
- (c) Plant material for consumption Prohibited except from the Republic of South Africa. Risk of introducing plant parasitic nematodes is great because of composting plants at municipalities.
- (d) Seed PIP, Pc, AD — freedom from *Goplana dioscorea*. Tr. with an appropriate fungicide and fumigant.

LEGUMINOSAE

1. Legumes in general and those not listed below

2. *Vicia* (Broad beans, vetch)3. Beans other than *Vicia*

4. Chick-pea

5. *Crotalaria*

6. Groundnuts

7. *Lathyrus*

8. Lentils

9. Lupins

10. *Medicago* spp.11. Pasture legumes other than *Medicago*

12. Peas

1. Legumes in general and those not listed below

(a) Plants and vegetative material

Official Services only, unless from the Republic of South Africa, Botswana, Lesotho & Namibia.

(b) Fruits for consumption

PIP, Pc, AD — freedom from relevant viruses, bacteria, fungi and plant pests. Freedom from *Anomala orientalis*, *Heterodera (Globodera)* spp, *Poppilia japonica* & *Tomato ringspot virus*.

(c) Seeds

Unrestricted if from a reputable seed source only. PIP, Pc, AD — freedom from relevant viruses, bacteria, fungi and plant pests.

2. *Vicia* (Vetches, Broadbeans)

(a) Plants and vegetative material

Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — freedom from pests and diseases below.

(b) Seed

PIP, Pc, AD:-

Parent plants were inspected during active growth and found free from *Broadbean stain virus*, *Ascochyta fabae* (leaf spot), *Peronospora viciae* (downy mildew), and *Ditylenchus dipsaci*. Tr. with an appropriate fungicide.3. Beans (Species of the genera *Dolichos*, *Glycine*, *Macroptilium*, *Pueraria*, *Phaseolus*, *Vigna*)

(a) Plants and vegetative material excluding seed.

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from diseases and pests listed below.

- (b) Seed of the following genera:
- (i) *Dolichos* & *Pueraria* PIP, Pc, AD — freedom from *Acanthoscelides obtectus*. Tr. — with an appropriate fungicide and fumigant.
 - (ii) *Glycine* spp. (Soy beans) PIP, Pc, AD — freedom from *Acanthoscelides obtectus* — Parent plants to be inspected during active growth and found free from *Bean yellow mosaic virus*, *Soybean stunt virus*, *Corynebacterium flaccumfaciens*, *Pseudomonas glycinea*, *Xanthomonas phaseoli*, *Cercospora sojina* (Frog eye leaf spot), *Corynespora cassicola* (Target spot), *Colletotrichum dematium* f. *truncata* (Anthracnose), *Diaporthe phaseolorum* var. *caulivora* (Stem canker), *Septoria glycines* (Brown spot), *Rhizoctonia leguminicola* (Black patch), & *Peronospora manshurica*. Declaration that *Heterodera glycines* (Soybean cyst nematode) does not occur in the area of production.
 - (iii) *Phaseolus lunatus* PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Corynebacterium flaccumfaciens*, *Colletotrichum dematium*, f. *truncata*, *Isariopsis griseola*, *Bean western mosaic virus*, and *Xanthomonas phaseoli*.
 - (iv) Other *Phaseolus*, and *Macroptilium* PIP, Pc, AD — freedom from *Corynebacterium flaccumfaciens*
 - (v) *Vigna* PIP, Pc, Tr. — as for (i).
4. Chick pea
(*Cicer arietinum*)
- (a) Plants and vegetative material Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia.
PIP, Pc, AD — freedom from *Ascochyta rabiei*.
 - (b) Seed PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Ascochyta (Mycosphaerella) rabiei*. Tr. — with an appropriate fungicide.
5. *Crotalaria* (Sunhemp)
- (a) Plants and vegetative material Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia.
PIP, Pc, AD — freedom from *Colletotrichum curvatum*.
 - (b) Seed PIP, Pc, AD as above. Tr. — with an appropriate fungicide and fumigant.
6. Groundnuts (*Arachis* spp.)
- (a) Rooted plant material Prohibited except from the Republic of South Africa, Botswana and Namibia. PIP, Pc, AD — freedom from diseases & pests listed below.

- (b) Unrooted plant material
- (c) Seed
- (d) Seed for consumption
- (i) Processed or
 - (ii) Unprocessed, still viable
7. *Lathyrus* spp. including Sweet Pea
- (a) Plants and vegetative material
 - (b) Seed
8. *Lentils* (*Ervum lens*)
9. *Lupins* (*Lupinus* spp.)
- (a) Plants and vegetative material
 - (b) Seed
10. *Medicago* spp.
- A. Lucerne (*Medicago sativa*) and spp. not listed below:
 - (a) Plants & vegetative material
 - (b) Seed
 - (c) Lucerne hay from the Republic of South Africa
 - B. *Medicago denticulata*, *M. laciniata*, *M. minima*
- PIP, Pc, AD — freedom from *Meloidogyne arenaria*, *Cercospora* spp., *Diplodia gossypina*, *Phoma arachidis*, *Puccinia arachidis*, *Sphaceloma arachidis*, *Groundnut bud necrosis virus*, *Peanut clump virus*, *Peanut marginal chlorosis virus* and *Peanut stunt disease virus*.
- PIP, Pc, AD — Mother plants were inspected during active growth and found free from *Diplodia gossypina*, *Sphaceloma arachidis* and *Groundnut mottle virus*, *Peanut marginal chlorosis virus*, and *Peanut ring spot virus*, or: Declaration that the mentioned diseases do not occur in the country of origin. Tr. — with an appropriate fungicide.
- Unrestricted
PIP, Pc. Inspection upon arrival and fumigation if necessary.
- Prohibited except from the Republic of South Africa, Botswana, Lesotho and Namibia. PIP, Pc.
- PIP, Pc.
- As for Peas
- Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from *Phomopsis leptotromiformis*.
- PIP, Pc, Tr — with an appropriate fungicide e.g. Thiram.
- Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from diseases below.
- PIP, Pc, AD — freedom from Dodder (*Cuscuta* spp.) *Corynebacterium insidiosum*, *Cercospora medicaginis*, *Urophlyctes alfalfae*, *Verticillium alboatrum* and *Medicago Virus 3*.
- PIP and written permission of the Director of Veterinary Services, also a statement from the Division of Veterinary Services in South Africa that the material comes from an area not under restriction for foot and mouth disease or any other infectious disease.
- Prohibited.

M. polymorpha, *M. praecox*11. Pasture legumes other than *Medicago*

(a) Plants, vegetative material, dead portions of fodder & meal

(b) Seed

- i. *Trifolium* spp.
(Clover & trefoil)
- ii. *Desmodium* spp.
- iii. *Lespedeza* spp.

iv. *Lotus* spp.v. *Melilotus* spp.vi. *Ornithopus* spp.12. Peas (*Pisum* spp. and relatives)

(a) Plants and vegetative material

(b) Seed for Planting

(c) Seed for consumption

Prohibited except from the Republic of South Africa PIP, Pc, AD — freedom from pests and diseases below. PIP, Pc, Tr. with fungicide (excluding mercury compounds,) and fumigant. Freedom from dodder (*Cuscuta* spp.)

AD — Freedom from *Curvularia trifolii*, *Kabatiella caulivora* and *Ditylenchus dipsaci*

AD — Freedom from *Colletotrichum truncatum*

AD — Freedom from *Xanthomonas lespedezae* (bacterial wilt).

AD — Freedom from *Cercospora loti* (leafspot) and *Phomopsis loti* (blight).

AD — Freedom from *Corynebacterium insidiosum*, *Ascochyta caulicola*, *Verticillium albo-atrum* and *Medicago Virus 3*.

AD — Freedom from *Colletotrichum trifolii*.

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from diseases & pests listed below.

PIP, Pc, AD — freedom from *Macrosiphum pisi*. Parent plants were inspected during active growth and found free from *Pseudomonas pisi*, *Bean yellow mosaic virus*, and *Pea seed-borne mosaic virus* — or declaration that the disease does not occur in the area of production.

D.

GRAMINEAE

1. Gramineae in general and those not listed below
2. Cereals (small grain varieties)
3. Grasses
4. Maydeae

5. Rice
6. Sorghum
7. Sugar cane.

1. Gramineae in general and those not listed below.

(a) Plants living or dead including unrooted vegetative material

(b) Seed

PIP, Pc, AD — freedom from *Anemala orientalis*, *Heterodera* (*Globodera*) spp., *Limonothrips cerealium*, *Macrosiphum avenae*, *Meloidogyne graminicola*, *Ostrinia nubilalis*, *Oulema melanopus*, *Poppilia japonica*, *Zabrus tenebrioides* and *Tomato ringspot virus*.

PIP, Pc, AD — freedom from microbes and plant pests.

- (c) Stored products
Official Services only. PIP, Pc, AD — freedom from weevils (*Curculionidae*), *Trogoderma granarium*, mites and other storage pests, also from obvious contamination by storage fungi. Inspection if necessary.
- (d) Hay, straw and thatching material from the Republic of South Africa
PIP, and written permission of the Director of Veterinary Services, also a statement from the Division of Veterinary Services in South Africa that the material comes from an area not under restriction for foot and mouth disease or any other infectious disease.
2. Cereals (Barley, Oats, rye and wheat)
- (a) Plants, living or dead, vegetative material and packing material derived from grasses or cereals
Prohibited.
- (b) Unrooted vegetative material and stolons of species which cannot be grown from seed.
Official Services only. PIP, Pc, AD, Tr. if required.
- (c) Seed for planting, other than from the Republic of South Africa.
PIP, Pc, AD — freedom from *Barley stripe mosaic virus*, loose smut, ergot, Cockle disease (*Anguina tritici*) and cysts of the nematode species *Heterodera punctata* and *H. avenae*. Tr. — with an appropriate fungicide and fumigant.
Extension of AD as follows:
i.) for Wheat (*Agropyron*, *Triticum* and *Triticale*). Freedom from *Cephus cinctus*, *C. pygmaeus*, *Hyperodes honariensis*, *Petrobia latens*; *Cephalosporium graminum* (wilt disease), *Drechslera verticillata* (sterility disease), *Neovossia indica* (partial bunt), *Ophiobolus graminis* (take-all), *Septoria tritici*, *Tilletia contraversa* (dwarf bunt), *Tilletia foetida*, *Tilletia indica*, *Urocystis agropyri*.
ii.) for Oats and other *Avena* spp. Freedom from *Cephalosporium graminum* (Stripe wilt), *Drechslera victoriae* (Leaf blight) & *Pratylenchus pratensis*.
iii.) for Rye and other *Secale* spp. Freedom from *Gloeotinia temulenta* (Blind seed disease), *Tilletia contraversa* (Dwarf bunt).
iv. For Barley and other *Hordeum* spp. Freedom from *Cephalosporium graminum* (Stripe wilt), *Barley stripe mosaic virus*.
PIP. Entry subject to Government control regulations.
PIP, D.
PIP, Pc, AD — freedom from storage fungi and pests. Entry subject to Government control regulations.
- (d) Seed from the Republic of South Africa.
- (e) Malting barley and barley malt
- (f) Grain for consumption
3. Grasses (*Agropyron*, *Agrostis*, *Cynodon*, *Eragrostis*, *Festuca*, *Lolium*, *Panicum*, *Pennisetum*, *Setaria* etc.)

- (a) Plants, living or dead, vegetative material and packing material Prohibited unless as hay. PIP. See Page 61.
- (b) Unrooted vegetative material and stolons of species which cannot be grown from seed. Official Services only if required. PIP, Pc,
- (c) Seed for planting of *Sorghum halepense* (Johnson grass) and *Stipa* (*Nasella*) *trichotoma* (*Nasella* tussock) Prohibited.
- (d) Seed for planting of other grass spp. No restriction on maximum import. PIP, Pc, AD—Freedom from pests and microbes, Tr, — with an appropriate fungicide and fumigant

AD as follows:

- (i) for *Agrostis* and *Eragrostis* spp. Freedom from *Gloeotinia temulenta*, *Anguina graminis*, *A. agrostis*, and cysts of the nematode *Heterodera avenae*.
- (ii) for *Festuca* spp. as above.
- (iii) for *Lolium* Freedom from *Gloeotinia temulenta*, *Anguina agrostis*, and cysts of *Heterodera avenae*.
- iv. *Panicum* spp. (Millet)
 - (a) Plants, vegetative material and plant portions Prohibited
 - (b) Seed for planting PIP, Pc, AD — Parent plants were inspected during active growth and found free from virus diseases and *Xanthomonas panici* Tr. — with an appropriate fungicide and fumigant
- v. *Setaria* and other pasture grasses
 - (a) Plants, vegetative material and plant portions Prohibited
 - (b) Seed for planting PIP, Pc, AD — freedom from viruses, bacteria, fungi, nematodes and other plant pests.

4. Maydeae

- (a) Plants, fresh or dry vegetative material and packing material derived from corn leaves. Prohibited.
- (b) Seed for planting
 - (i) From Egypt, India, Indonesia, Nepal, Pakistan, Philippines, Sikkim, Thailand or any country where *Cephalosporium maydis*, *Sclerophthora rayssiae* var. *zeae*, *Sclerospira philippinensis* and *Sclerospira maydis* occur. Prohibited
 - ii. From other countries Additional permit is required from the Permanent Secretary. PIP, Pc, AD — *Cephalosporium maydis*, *Sclerophthora rayssiae* var. *zeae*,

Sclerospora graminicola, *Sclerospora macrospora*, *Sclerospora maydis*, *Sclerospora philippinensis*, *Sclerospora sacchari*, *S. spontanea* and *Xanthomonas stewartii* do not occur in the country of origin. Parent plants to be inspected in the field during active growth and found free from *Maize dwarf mosaic virus*, *Erwinia chrysanthemi*, *Xanthomonas stewartii*. Freedom from *Drechslera maydis*, *Drechslera zeicola*, *Phyllosticta maydis*, *Kabatiella zeae* & *Pratylenchus zeae*. Tr. — with an appropriate fungicide and fumigant.

(c) Maize for consumption.

PIP, Additional permit as for (b ii).

5. Rice (*Oryza*) — all spp.)

(a) Plants, vegetative material and dead portions including packing material.

Prohibited.

(b) Seed of paddy or rough rice from areas where the nematode spp. *Ditylenchus angustus* or *Aphelenchoides besseyi* occur.

Prohibited.

(c) Seed from outer areas

PIP, Pc, AD — that the nematode species *Ditylenchus angustus* or *Aphelenchoides besseyi* do not occur in the area of origin. Freedom from pests: *Lissorhoptrus oryzophilus*, *Nymphula depunctalis*, *Pachytiplosis oryzae*, *Spodoptera mauritia*, *Tetraneura aikinire*. Freedom from bacterial diseases with specific reference to *Xanthomonas oryzae*, *X. oryzicola*. Freedom from *Ephelis pallida*, *E. oryzae*, *Helminthosporium miyabeanus* and *H. sigmoideum*, *Leptosphaeria salvinii*, *Tilletia barclayana*, *Trichoconis padwickii*, *Ustilaginoida virens*. Freedom from *Grassy stunt virus*, *Tungaro*, & *Yellow dwarf virus*, Tr. — with an appropriate fungicide and fumigant.

(d) Rice and rice products for consumption

Unrestricted.

6. *Sorghum* (all spp. excluding *S. halepense* (Johnson grass))

(a) Plants, dead portions and vegetative material including packing material

Prohibited

(b) Unshredded broomcorn derived from *Sorghum* spp. or articles incorporating unshredded broomcorn, outside South Africa.

PIP, Pc, Tr. — fumigation with Methyl bromide (48g/m³).

- (c) Seed for planting PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Pseudomonas andropogonis*, *Xanthomonas holcicola*, *Xanthomonas stewartii*, Maize dwarf mosaic virus, *Drechslera maydis*, *Periconia circinata* and *Ramularia sorghi*. Tr. with an appropriate fungicide and fumigant (or wide spectrum insecticide). Entry subject to Government control regulations.
- (d) Malting Sorghum PIP.
- (e) Grain for consumption PIP, Pc. Entry subject to Government Control regulations.
7. *Sugar cane*
(*Saccharum officinale*)
- (a) Unrooted propagation material
- (i) Outside the Republic of South Africa. Official Services only. PIP, Pc, and AD as below.
- (ii) Inside the Republic of South Africa PIP, Pc, AD that canes were inspected during active growth and found free from the following pests and virus, bacterial and fungal diseases, viz. *Aulacaspis tegalensis*, *Clemora smithi*, *Cricanemoides morgensis*, *Diatraea saccharalis*, *Metasmius hemipterus*, *Cephalosporium maydis*, *Chlorotic streak*, *Fiji disease*, *Grassy shoot virus*, *Ratoon stunt disease*, *Striate mosaic virus*, *Sclerospora sacchari*, *S. spontanea*, *Ustilago scitaminea* (Sugar Smut), *Xanthomonas albilineans*, *X. rubrilineans*, *X. rubrisubalicans*, *X. vasculorum*. Tr. — fumigation with HCN or Methyl bromide on arrival.
- (b) Seed outside or inside the Republic of South Africa. Official Services only. PIP, Pc, AD — freedom from *Sclerospora sacchari* and *S. spontanea*. Tr. — appropriate fungicide and fumigant.

ORNAMENTALS

1. Ornamentals in general and those not listed below.
2. *Acacia* spp. _____
3. *Amarantaceae*
4. *Anthurium* spp.
5. Aquatic plants
6. Ash
7. Bamboo
8. Beech
9. *Begonia* spp.
10. *Berberidaceae*
11. Birch
12. Bonsai

13. Bromeliads (excluding *Ananas* spp.)
14. Buckthorn
15. Bulbs, tubers & rhizomes
16. Cacti (including *Opuntia* spp.)
17. *Cassia* spp.
18. Chestnut
19. *Chrysanthemum* spp. (excluding *Pyrethrum* spp.)
20. Conifers
21. Cranberry
22. Cycads
23. *Dianthus* spp. (Carnation, pinks, sweet william)
24. Dogwood
25. Elderberry
26. *Eucalyptus* spp.
27. Flax (New Zealand)
28. *Hakea* spp.
29. Hazelnut
30. Heather
31. *Hibiscus* spp.
32. *Lagerstroemia*
33. Malvaceae (excluding Cotton & *Hibiscus*)
34. Mulberry
35. Oak
36. Orchids
37. Opium poppy
38. Palms
39. Peatmoss
40. *Petunia* spp.
41. *Physalis* spp.
42. Poison Ivy
43. Pomegranate
44. Poplar
45. *Protea* spp.
46. *Pyrethrum* spp.
47. *Rhododendron* spp.
48. Rooted plants
49. Rosaceae
50. Roses
51. Safflower
52. Sisal
53. *Thunbergia*

54. Willow
55. Miscellaneous — alternate hosts for rust.

1. *Ornamentals in general and those not listed below.*

- (a) Plants and vegetative material Official Services only unless from the Republic of South Africa, Botswana, Lesotho and Namibia. PIP, Pc, AD — freedom from viruses, bacteria, fungi and plant pests.
- (b) Seed Unrestricted only if from a reputable seed source. PIP, Pc, AD — freedom from viruses, bacteria, fungi and plant pests.

General precautions must be taken against the following insect pest and microbes.

Anomala orientalis, *Brevipalpus obovatus*, *Eri-soma lanigerum*, *Graphognathus leucoloma*, *Heliothis armigera*, *Lepidosaphes ulmi*, *Panonychus citri*, *Poppilia japonica*, *Pulvinaria flocci-fera*, *Quadraspidiotus perniciosus*, *Radopholus similis*, *Spodoptera littoralis*, *Spodoptera litura*, *Thrips tabaci*, *Tomato ringspot virus*.

2. *Acacia* spp.

- (a) Plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc,
- (b) Seed PIP, Pc, Tr — with an appropriate fumigant (Phostoxin).

3. *Amarantaceae*

- (a) Plants Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia.
- (b) Unrooted material PIP, Pc, AD — freedom from beet viruses and *Tomato ringspot virus*.
- (c) Seed PIP, Pc, AD — Parent plants were inspected and found free of *Tomato ringspot virus*. Tr. — with an appropriate fungicide (e.g. Captan).

4. *Anthurium*

- (a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.
- (b) Unrooted plant material, or with aerial roots only. PIP, Pc, AD — Plants or parent plants were grown in sterilized medium free from plant parasitic nematodes with specific reference to the burrowing nematode, *Radopholus similis*.
- (c) Seed PIP.

5. Aquatic plants. (See also Schedule 1)

- (a) Plant material or seed of species belonging to the following families; Halorragidaceae, Hydrocharitaceae, Lemnaceae, Pontederiaceae

and Salviniaceae as well as *Alisma plantago-aquatica*, *Alternanthera philoxeroides*, *Aponogeton conjugatus*, *Aponogeton desertorum* (syn. *A. kraussianus*), *Bacopa erecta*, *Chara* spp., *Ceratophyllum demersum*, *Cyperus difformis*, *C. digitatus*, *C. esculentus*, *C. papyrus*, *C. rotundis*, *Echnocloa stagnina*, *Eichhornia crassipes*, *Eleocharis dulcis*, *Hydrocles nymphoides*, *Ischaemum rugosum*, *Lagarosiphon* spp., *Leersia hexandra*, *Ludwigia adscendens*, (syn. *Jussaiea repens*), *Marsilea* spp., *Microlepis spelunceae*, *Mimosa nigra*, *Mycrocystis toxica*, *Myriophyllum aquaticum*, *Najas* spp., *Nelumbo nucifera*, *Neptunia oleracea*, *Nymphaea caerulea*, *N. capensis*, *N. lotus*, *N. maculata*, *N. odorata*, *Nymphoides indica*, *Oryza brachyantha*, *O. brevifolulata*, *O. perennis*, *Ottelia ulvifolia*, *Phragmites mauritianus*, *Pistia stratiotes*, *Potamogeton* spp., *Pycreus* spp., *Sagittaria guayanensis* (syn. *Lophotocarpus guayanensis*), *Salvinia molesta*, *Scirpus* spp., *Sparganium* spp., *Sphenoclea zeylanica*, *Trapa natans*, *Typha* spp., *Typhonodorum lindleyanum*, *Vossia cuspidata*, *Wolffia arrhiza*

(b) Other aquatic plants

Prohibited
PIP, Pc, AD —

- i. Plant material is free from all living stages of snails and nematodes or —
- ii. Plant material was treated four weeks prior to shipment with appropriate chemical(s) completely effective against all living stages of snails and nematodes.
- iii. Species and varieties to be packed separately and labelled individually. (Complete classification, including Family name)

6. Ash (*Fraxinus* spp.)
(a) Plant material

Prohibited except from the Republic of South Africa Lesotho, Botswana & Namibia. PIP, Pc.

- (b) Seed
PIP, Pc, AD that oak wilt, *Ceratocystis fagacearum* and Tobacco ringspot virus (Stunt disease) do not occur in the area of production. Tr — with an appropriate fungicide and fumigant.
7. Bamboo (*Arundinaria* spp)
 (a) Plant material
Prohibited on account of *Sugar cane virus* diseases.
 (b) Seed
PIP, Pc, Tr with appropriate fungicide and fumigant.
8. Beech
 (*Fagus* (All spp.))
 (a) Plants and vegetative material
Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.
 (b) Seed
PIP, Pc, Tr — with an appropriate fumigant e.g. Phostoxin
9. *Begonia*
 (a) Plants and unrooted cuttings
PIP, Pc, AD — freedom from wilt and leaf spot (*Xanthomonas begoniae*). Declaration that plants were grown in steam sterilized soil or growing medium free from plant parasitic nematodes.
 (b) Bulbs, rhizomes, tubers
PIP, Pc, AD — freedom from wilt and leaf spot (*Xanthomonas begoniae*), plant parasitic nematodes with specific reference to *Ditylenchus destructor*, *Heterodera* spp. *Meloidogyne* spp. and *Pratylenchus* spp. *Synchytrium endobioticum* (Wart disease) did not occur in the immediate area of production. Freedom from plant parasitic mites.
 (c) Seed
PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Xanthomonas begoniae*.
10. *Berberidaceae* (including *Berberis*, *Epimedium*, *Jeffersonia*, *Mahoberberis*, *Mahonia*, *Nardina*, *Podophyllum* and *Vancouveria* spp.)
 Plant material and seed
Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc.
11. Birch
 (*Betula* spp.)
 (a) Plants and vegetative material
Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.

- (b) Seed
 12. Bonsai
 PIP, Pc, Tr — with an appropriate fungicide.
 Unrestricted from the Republic of South Africa, Botswana, Lesotho and Namibia. Otherwise PIP, Pc, AD — freedom from nematodes.
13. Bromeliads (excluding *Ananas* spp.)
 (a) Rooted material
 Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.
 (b) Vegetative material
 PIP, Pc, Tr with appropriate fumigant
 (c) Seed
 Unrestricted.
14. Buckthorn
 (*Rhamnus* spp.)
 Plants, vegetative material and seed
 Prohibited unless from the Republic of South Africa. (May carry the blackrust of wheat, *Puccinia graminis*). PIP, Pc.
15. Bulbs, corms, tubers, and rhizomes
 Unrestricted only if from the Republic of South Africa. PIP, Pc, AD — as below.
- (a) Bulbs of Amaryllidaceae (*Amaryllis*, *Crinum*, *Hippeastrum*, *Hymerocallis*, *Narcissus*, *Nerine*, *Polianthus*, *Sprekelia* etc.)
 PIP, Pc, AD — freedom from *Sclerotium tuliparum*, *Sclerotinia bulborum*, plant parasitic nematodes with specific reference to *Ditylenchus dipsaci*, *D. destructor*, *Meloidogyne* spp., *Heterodera* spp. and plant parasitic mites. *Synchytrium endobioticum* (Wart disease) did not occur in the immediate area of production.
- (b) Bulbs of Liliaceae (*Allium*, *Convallaria*, *Eremurus*, *Fritillaria*, *Hemerocallis*, *Hyacinthus*, *Lachenalia*, *Lathyrus*, *Lilium*, *Muscari*, *Ornithogalum*, *Scilla*, *Tulipa* etc.)
- i. All species
 PIP, Pc, AD — Freedom from *Sclerotium* disease with specific reference to *Sclerotinia bulborum*. Freedom from plant parasitic nematodes with specific reference to *Meloidogyne* spp., *Pratylenchus* spp. *Ditylenchus dipsaci*, *D. destructor*. Freedom from plant parasitic mites, Freedom from *Lily rosette virus*. *Synchytrium endobioticum* (Wart disease) did not occur in the immediate area of production.
- ii. for Hyacinths
 Abovementioned AD and freedom from *Xanthomonas hyacinthi* (Yellow disease)
- iii. for Tulips
 Abovementioned AD and freedom from *Tulip breaking virus* and *Botrytis tulipa* (Tulip fire)
- (c) Rhizomes of Iridaceae
 (*Babiana*, *Crocus* (Saffron), *Freesia*, *Gladiolus*, *Iris*, *Ixia*, *Sparaxis*, *Ti-
 gridia*, *Tritonia*, *Watsonia* etc.)

- i. All species PIP, Pc, AD — Freedom from *Bean yellow-mosaic virus*, *Sclerotium tuliparum*, *Sclerotinia bulborum*, *Ditylenchus dipsaci*, *D. destructor*, *Meloidogyne* spp, *Pratylenchus* spp. and plant parasitic mites. *Synchytrium endobioticum* (Wart disease) must not occur in the immediate area of production.
- ii. for *Gladiolus* Above mentioned AD and freedom from *Septoria gladioli* (hard rot), spp. of *Botrytis*, *Curvularia*, *Fusarium* & *Uromyces*.
- iii. for *Iris* Above mentioned AD and freedom from *Drechslera iridis* (ink disease) and *Iris mosaic virus*.
- (d) Subterranean propagation material not listed elsewhere PIP, Pc, AD — Freedom from plant parasitic nematodes and mites naturally or by treatment; *Synchytrium endobioticum* (Wart disease) does not occur in the immediate production area. Consignment to be free of soil or growing medium.
- (e) Tubers of Araceae (e.g. *Caladium*) PIP, Pc, AD — Freedom from *Sclerotium* or *Sclerotinia* and that hot water treatment at a temperature of 50°C for 30 minutes has been given to destroy nematodes which may be present; alternatively treatment with Zinophos.
- 16. Cacti (e.g. *Opuntia*, *Mammillaria*). All species of the family Cactaceae See also page 20.
 - (a) Rooted plant material except *Opuntia* (see below) Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — freedom from *Phymatotrichum omnivorum*.
 - (b) Unrooted plant material PIP, Pc, AD — Consignment does not contain rootstocks of *Opuntia* spp., (see below) and *Harrisia*, *Nopalea*, *Pereskia*, & *Tephrocactus*. Freedom from *Phymatotrichum omnivorum* (Texas rootrot). Tr. — fumigation with an appropriate fumigant. Any portion of stem or plant portion bearing roots to be removed. All plant material including seed and fruit. Pr.
 - (c) *Opuntia aurantiaca* (pusilla) & *O. rosea*
 - (d) *Opuntia vulgaris* Prohibited except from the Republic of South Africa. Material must be destined either as animal feed or for plantations to feed animals. PIP.
- 17. *Cassia*
 - (a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD as below.
 - (b) Unrooted plant material
 - i. from countries where *Phymatotrichum omnivorum* occurs. Prohibited.

- ii. from other countries

PIP, Pc, AD — Freedom from fire blight (*Erwinia amylovora*). Freedom of country of origin from *Phymatotrichum omnivorum* (Texas root rot). Treatment: Material to be steeped in Bordeaux mixture for 20 seconds, dried for 4 hours and treated on all surfaces with a 100 ppm Streptomycin solution or — material to be soaked in 5% Aretax for 1 minute and dried.
- (c) Seed

PIP, Pc, Tr — with an appropriate fumigant (e.g. Phostoxin).
- 18. Chestnut (*Castanea vulgaris* & *Castanea* spp.)
 - (a) From the Republic of South Africa

Unrestricted. PIP, Pc, AD as below.
 - (b) From other countries

Prohibited.

PIP, Pc, AD — that Chestnut Blight (*Endothia parasitica*) is not known to occur in the country of origin; material to be free from Oak wilt (*Ceratocystis fagacearum*) and *Phytophthora cambivora*.
- 19. *Chrysanthemum* (Excluding *Pyrethrum*)
 - (a) Rooted plant material

PIP, Pc, AD — (i) Mother plants were inspected during active growth and found free from *Ditylenchus dipsaci*, *Ascochyta chrysanthemi*, *Diarthronomyia chrysanthemi*, *Mycosphaerella ligulicola* (Ray Blight), *Puccinia horiana*, *Chrysanthemum stunt virus*, *Tomato aspermy virus*, *Aster yellows mycoplasma*, & *Erwinia chrysanthemi*. (ii) Plants/cuttings were rooted and grown in a steam sterilized medium.
 - (b) Unrooted plant material

PIP, Pc, AD — freedom from *Ascochyta chrysanthemi*, *Mycosphaerella ligulicola* (Ray Blight), *Puccinia horiana*, *Chrysanthemum stunt virus*, *Tomato aspermy virus*, *Aster yellows mycoplasma* and *Erwinia chrysanthemi*.
 - (c) Seed

PIP
- 20. *Conifers* (all species including *Araucaria*, *Cedrus*, *Cupressus*, *Juniperus*, *Pinus*, *Widdringtonia*)
 - (a) All plant material excluding debarked timber and seed

Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — freedom from *Acleris variana*, *Arceuthobium* spp, *Dendroctonus brevicornis* and other spp, *Diprion pini*, (pine sawfly), *Ips amitinus*, *Phenacaspis pinifoliae*; *Pissodes* & *Scolytidae*; *Atropellis* spp. *Cercospora pini* —

densiflorae, *Chrysomyxa arctostaphyli*, *Cronartium* spp., *Dothiostroma* spp. *Endocronartium* spp, *Gymnosporangium* spp, *Melampsora medusae*, *Peridermium kurilense*, *Poria weirii*, & *Scirrhia acicola*.

(b) Seed

PIP, Pc, AD — freedom from needle cast fungi, especially *Lophodermium pinastri*.

(c) Timber

Subject to inspection on arrival. Timber with bark on or insect infested to be debarked or fumigated with Methyl Bromide at 45g/m³ for at least 24 hours under gastight tarpaulins at the port of entry.

Freedom from *Gemida cahani*.

21. Cranberry (*Vaccinium macrocarpum* and *Vaccinium* spp.)

(a) Importation from USA and countries where *Vaccinium stunt virus* and *Cranberry falseblossom mycoplasma* occur.

Prohibited

(b) From other countries outside the Republic of South Africa

i. Unrooted plant material

PIP, Pc, AD — freedom from *Vaccinium stunt virus* and *Cranberry falseblossom mycoplasma*. Freedom from *Godronia cassandrae* (Twig dieback), and *Meloidodera floridensis*. Tr. — with an appropriate fumigant.

ii. Seed

PIP, Pc, AD — freedom from *Vaccinium stunt virus* and *Cranberry false blossom mycoplasma*. Tr. — with an appropriate fumigant e.g. Phostoxin.

22. Cycads (*Encephalartos*, *Stangeria* spp.)

(a) Plants

Permission to import will only rarely be given. Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia.

PIP, Pc, AD — freedom from Curculionid beetles such as *Demysus melaeoides* — or — fumigation with an appropriate fumigant e.g. methyl bromide. Freedom also from *Phymatotrichum omnivorum* (Texas root rot) Tr. — with Bordeaux mixture.

(b) Seed

PIP, Pc, Tr. — with appropriate fumigant and fungicide.

23. *Dianthus* (Carnation, Pink, Sweet william)

(a) Plants and vegetative material including cuttings (rooted and unrooted)

i. All material

PIP, Pc, AD — freedom from *Alternaria dianthicola* (petal blight), *Phialophora cinere-scens*, *Ustilago violacea* (Anther smut),

- ii. rooted cuttings or plants.
- (b) Seed
- 24. Dogwood (*Cornus*, all spp.)
 - (a) Rooted plant material
 - (b) Unrooted plant material
 - (c) Seed
- 25. Elderberry (*Sambucus* spp.)
 - (a) Plants
 - (b) Unrooted vegetative material
 - (c) Seed
- 26. *Eucalyptus* (All spp.)
 - (a) Plant material excluding seed
 - (b) Seed
- 27. Flax (New Zealand) (*Phormium tenax*)
 - (a) Rooted plant material
 - (b) Unrooted plant material

Pseudomonas caryophylli (Bacterial wilt), *Erwinia chrysanthemi* f. sp. *dianthi* and the virus diseases *Edged ring* and *Streak virus* of carnations. Freedom from *Cacoecimorpha* (*Tortrix*) *pronumbana* & *Epichoristodes acerbelli*. Tr. — Material to be steeped in an appropriate fungicide and treated with an effective insecticide if the declaration for *C. pronumbana* has been omitted.

Above mentioned plus AD that the plants/cuttings were rooted and grown in a steam sterilized medium free from plant parasitic nematodes.

PIP

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD as below.

PIP, Pc, AD — freedom from *Ceratocystis fagacearum* (Oak wilt) or declaration that this disease does not occur in the growing area.

PIP, Pc, AD — freedom from *Ceratocystis fagacearum*. Tr. — with an appropriate fungicide and fumigant.

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.

PIP, Pc, AD — freedom from bacterial, fungus and virus diseases.

Unrestricted.

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from pests listed below and from *Polyporus bandonii*

PIP, Pc, Tr. — with an appropriate fumigant e.g. Phostoxin. Freedom from *Gonipterus gibberus* and *G. scutellatus* (*Eucalyptus* snout beetle), & *Phoracantha semipunctata*.

Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from diseases listed below.

Official services only. PIP, Pc, AD — freedom from virus and bacterial diseases, especially *Xanthomonas phormicola*, and *Phormium yellow leaf mycoplasma*. Tr. — with an appropriate fumigant e.g. Methyl bromide.

- (c) Seed PIP, Pc, AD — Mother plants were inspected during active growth and found free from *Phormium yellow leaf mycoplasma disease*. Tr. — with an appropriate fungicide and fumigant.
28. *Hakea*
Any plant material including seed. Prohibited, unless specifically derived as an ornamental from a state registered nursery in the Republic of South Africa.
29. Hazelnut (*Corylus*)
(a) Rooted plant material Prohibited.
(b) Unrooted plant material Official services only. PIP, Pc, AD — freedom from virus diseases and bacterial blight (*Xanthomonas corylina*). Tr. — fumigation with an appropriate fumigant and an appropriate fungicide.
30. Heather (*Erica spp.*)
(a) Plant material excluding seed Unrestricted from the Republic of South Africa, Botswana, Lesotho and Namibia. Otherwise PIP, Pc, AD — freedom from *Olpidium brassicae* and parasitic nematodes.
(b) Seed Unrestricted from areas above. Otherwise PIP, Pc, Tr. — with an appropriate fungicide.
31. *Hibiscus* spp. (*H. cannabinus*, *H. esculentus*, *H. sabdariffa*)
(a) Plant material excluding seed, and Okra, Kapok or Kenaf fibre Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc.
(b) Commercial fibre: Kapok (*Ceiba pentandra*), Kenaf (*Hibiscus cannabinus*) in a rotted and decorticated condition Fumigation with methyl bromide if more than one whole seed occur per 500g representative sample.
(c) Seed PIP, Pc, Tr. — with an appropriate fungicide and fumigant.
32. *Lagerstroemia indica*
(a) Plant material Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from *Erysiphe lagerstroemiae*.
(b) Seed Unrestricted.
33. Malvaceae excluding Cotton (*Gossypium*), Hollyhock (*Althaea* spp.) and *Hibiscus*.
(a) Plants, vegetative material Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc,
(b) Seed PIP, Pc, Tr. — with an appropriate fungicide and fumigant.

34. Mulberry (*Morus* spp.)
- (a) Plant material

Official Services only. PIP, Pc, AD — freedom from *Mulberry mosaic virus* and *Pseudococcus comstockii*.
 - (b) Seed

Unrestricted.
35. Oak (*Quercus* spp.)
- (a) Plant material excluding seed, cork and timber

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP Pc, AD — freedom from diseases listed below
 - (b) Seed
 - i. from the USA or countries where *Ceratocystis fagacearum* (Oak wilt) occurs.

Prohibited.
 - ii. from other countries

Official Services only. PIP, Pc, AD — *Ceratocystis fagacearum* does not occur in the country of origin. Mother plants were inspected during active growth and found free from *Cronartium cerebrum*, *Cronartium* spp., *Endothia parasitica*, *Ophiostoma roboris*, Oak/pine rusts, and *Ceratocystis fagacearum*. Tr. — with an appropriate fungicide and fumigant.
 - (c) Timber outside the Republic of South Africa
 - i. with bark unremoved

Prohibited
 - ii. with bark removed

Inspection at port of entry.
 - (d) Cork
 - i. Unmanufactured cork derived from the cork oak

PIP, Tr. — Methyl bromide fumigation.
 - ii. Manufactured cork

Unrestricted.
35. Orchids. (For *Vanilla* spp see under Sundry Imports)
- (a) Plant or vegetative material

PIP, Pc, AD — that plants have been steeped in an appropriate fungicide. Plants are free from soil or growing media. Plants were rooted and grown in a steam sterilized medium free from plant parasitic nematodes.
 - (b) Seedlings obtained by tissue culture methods

PIP, Pc. Seedlings to be on Agar in sterilised flasks.
37. Opium poppy (*Papaver somniferum*)
- (a) Plant material excluding seed

Prohibited.
 - (b) Seed for cultivation

Official services only. PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Pleospora papaveracea* (Leaf blight) and *Peronospora arborescens* (Downy mildew).
 - (c) Seed for processing

PIP and Declaration. Tr. — fumigation with methyl bromide, 48g/m³ for 24 hours.

38. Palms, ornamental

(a) Plant material and seed.

Import regulations as for date and oil palm, Freedom from *Calconycles catori*, *Coelomenodera elaeidis*, *Melithomma insulare*, *Oligonychus pratensis*, *Parlatoria blanchardii*, *Pseudococcus nipae*, *Pseudothrips wayi*.

(b) Seed (ungerminated) from countries where Red ring diseases (*Rhadinaphelenchus cocophilus* = *Rhyncophorus palmarum*) occurs

Prohibited.

(c) Seed (ungerminated) from other countries.

PIP, Pc, AD — *Rhadinaphelenchus cocophilus* (*Rhyncophorus palmarum*) does not occur in the country of origin. Parent plants were inspected during active growth and found free of *Mauginiella scattae* and *Marasmius palmivora*. Tr. — an appropriate fungicide and fumigant.

39. Peatmoss, peat and other growing media excluding soil.

(a) General composts, orchid media and bark

Composts containing, or suspected of containing any living or dead plant portions, or any insect pest, or any organisms which may cause plant disease. Prohibited unless from a state registered nursery in the Republic of South Africa. PIP, Pc.

(b) Special rooting compost, sphagnum, peat and peatmoss

PIP, Pc, AD — that a laboratory examination of representative samples has shown that the consignment is free from pathogens such as bacteria, fungi and plant parasitic nematodes — or — declaration that consignment has been sterilized by heat, or fumigated with an appropriate fumigant such as Etox (300gm³ under a vacuum of 70cm mercury for 3 hours) or Methyl bromide (45gm/m³ under gastight tarpaulins for 24 hours).

40. *Petunia* (all spp.)

(a) Plant material excluding seed

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from *Tobacco ringspot virus*.

(b) Seed

PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Tobacco ringspot virus*.

41. *Physalis* spp. (Including Ground cherry, Cape gooseberry)

(a) Plant material excluding seed

Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from *Potato spindle tuber virus*,

- (b) Seed PIP, Pc, AD — Parent plants were inspected and found free of *Potato spindle tuber virus* (Tomato bunchy top virus).
42. Poison Ivy (*Rhus toxicodendron*)
(a) Plants, vegetative material and seed Prohibited.
43. Pomegranate (*Punica* spp.)
(a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc, AD — freedom from *Sphaceloma punicae*.
(b) Unrooted plant material Official Services only. PIP, Pc, AD — freedom from *Sphaceloma punicae* (Leaf spot).
(c) Fruit As for (a)
(d) Seed Unrestricted.
44. Poplar (*Populus* spp.)
(a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana, & Namibia. PIP, Pc, AD as below.
(b) Unrooted propagation material PIP, Pc, AD — freedom from *Aplanobacter populi*, bacterial canker (*Pseudomonas syringae* f. sp. *populaea*); *Hypoxylon mammatum*, *Melampsora medusae* & *Melampsora* spp., *Mycosphaerella populorum* and *Poplar mosaic virus*. Tr. — material to be stripped of all leaves and steeped in an appropriate fungicide before despatch. Freedom from *Lymantria dispar* (gypsy moth)
(c) Seed PIP, Pc, AD — freedom from rust diseases (*Melampsora* spp.). Tr. — with an appropriate fungicide and fumigant.
(d) Logs Unrestricted only from areas above. Otherwise PIP, Pc, or fumigation upon arrival at port of entry, for carpenter ants, (*Camponotus* spp.). Tr. — with methyl bromide at 48g/m³ for 24 hours under gastight tarpaulins. Inspection for carpenter ants.
45. *Protea* spp.
(a) Plant material Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from *Phytophthora cinnamomi* and other spp.
(b) Seed Unrestricted.
46. Pyrethrum (*Chrysanthemum cinerariaefolium*, *C. roseum*)
(a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc, AD as below.

- (b) Unrooted propagation material Unrestricted from areas above. Otherwise official services only. PIP, Pc, AD — freedom from *Chrysanthemum stunt virus*, *Mycosphaerella ligulicola* and *Ramularia bellunensis*.
- (c) Seed PIP, Pc, AD — freedom from *Mycosphaerella ligulicola* and *Ramularia bellunensis*. Tr. — with an appropriate fungicide.
47. *Rhododendron* spp. (Including *Azalea*)
- (a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from diseases listed below.
- (b) Unrooted vegetative material PIP, Pc, AD — Freedom from *Chrysomyxa rhododendri* (*Rhododendron* rust), *Ovulina azaleae* (petal blight) and *Septoria azaleae* (Leaf scorch and drop). Tr. — Defoliation and treatment with an appropriate fungicide.
- (c) Seed PIP, Pc, AD — Parent plants were inspected during active growth and found free from *Chrysomyxa rhododendri*, *Ovulina azaleae* and *Septoria azaleae*. Tr. — with an appropriate fungicide and fumigant.
48. Rooted plants (Restricted to 10 cultivars)
- (a) Hardwood kinds Official Services only. PIP, Pc, AD — Freedom from *Erwinia amylovora*, *Nectria galligena* and live phytophagous mites and/or their eggs of species not recorded in South Africa. Plants were rooted and grown in a sterilized medium. Plants were despatched in a sterilized medium in new containers.
- (b) Softwood kinds (Strawberry) Official Services only. PIP, Pc, AD — Freedom from *Phytophthora fragariae*, *Xanthomonas fragariae* and green petal virus disease.
49. Rosaceae (all spp.) See also P. 43
1. Pollen of stone and pome fruits Prohibited
2. Seed of stone and pome fruits Official services only. PIP, Pc, Tr. — Streptomycin 100ppm.
3. Other rosaceous seed PIP, Pc, AD — Seed has been steeped in 100 ppm Streptomycin solution.
4. Seed for consumption PIP.
5. Budwood or cuttings
- (a) Rosaceous fruit plants i. From the Republic of South Africa. PIP, Pc, AD — freedom from pests and diseases listed below.

ii. From elsewhere. Official Services only. PIP, Pc, AD — cuttings were taken from mother plants, inspected and found free from *Erwinia amylovora*, *Nectria galligena*, other fungi and bacteria, viruses, and live phytophagous mites and/or their eggs, including species not recorded in Southern Africa. Cuttings to be taken from parent material at least 1km away from any source of infection with *Erwinia amylovora* or *Nectria galligena*. Freedom from *Anarsia lineatella*, (peach twig borer), *Aphanostigma piri*, *Aphis pomi*, *Carpocapsa pomonella*, *Carpocapsa nipponensis*, *Conotrachelus nenuphar*, *Dacus zonatus*, *Dibotryon morbosum*, *Dichrocoris punctiferalis*, *Eriophyes insidiosus*, *Graepholitha prunivora*, *Hoplocampa* spp., *Hyphantria cunea*, *Laspyrezia funebrana*, *Lepidosaphes ulmi*, *Myzus persicae*, *Pseudaulacaspis pentagona*, *Stephanitis pyri*, *Tachypterellus quadrigibbus*, *Tetranychus viennensis*, *Zeuzera pyrina*; *Coniothyrium fuckelii*, *Gymnosporangium* spp., *Phyllosticta solitaria*, *Stereum purpureum*, *Venturia pirina*; *Pseudomonas mors-prunorum*, *Pseudomonas nectarophila*, *Xanthomonas pruni*; apple chat fruit mycoplasma, apple proliferation mycoplasma, apple ringspot virus, cherry necrotic rusty mottle disease, cherry leaf roll virus, peach mosaic virus (American), peach rosette mosaic virus, pear decline mycoplasma, pear stony pit virus, plum line pattern virus, plum pox virus and X disease of *Prunus*.

(b) Rosaceous ornamentals:-

Amelanchier, *Aronia*, *Chaenomeles*, *Cydonia*, *Cotoneaster*, *Crataegomespilus*, *Crataegus*, *Eriobotrya*, *Exochorda*, *Holodiscus*, *Kerria*, *Malus*, *Mespilus*, *Photinia*, *Potentilla*, *Prunus*, *Pyracantha*, *Pyrus*, *Sorbaria*, *Sorbus*, *Spiraea*, *Stranvaesia*, etc.

i. Pr. — from Europe, Japan, New Zealand, Canada, USA or countries where *Erwinia amylovora* occurs.

ii. From other countries

PIP, Pc, AD — freedom from bacterial and virus diseases and that *Erwinia amylovora* does not occur in country of origin. Freedom from *Lymantria dispar* (gypsy moth).

50. Roses

Rosa (all spp.)

Unrestricted only from the Republic of South Africa.

(a) Budwood

PIP, Pc, AD that mother plants were inspected during active growth and found free from *Rose rosette virus* and *Rose wilt virus* or that these viruses do not occur in the country of origin.

(b) Rooted plants

PIP, Pc, AD that mother plants were inspected during active growth and found free from

Rose rosette virus and *Rose wilt virus* — or — that these viruses do not occur in the country of origin. Freedom from *Lymantria dispar* (gypsy moth), *Aleurocanthus spiniferus*, *Brevipalpus californicus*, *Capitophorus fragaefolii*, and bacterial and fungal diseases including *Synchytrium endobioticum*. Plants to be rooted, grown and despatched in a sterilized medium.

- (c) Rosaceous fruits — see under Fruit and Seed Crops
51. Safflower
(*Carthamus tinctorius*)
- (a) Plants and vegetative material Prohibited except from the Republic of South Africa. PIP, Pc, AD as below.
- (b) Seed PIP, Pc, AD — freedom from *Cercospora carthami*.
52. Sisal
(*Agave, Fouquieria, Furcraea* spp.)
- (a) Plants Prohibited except from the Republic of South Africa Lesotho, Botswana and Namibia. PIP, Pc, AD — freedom from diseases listed below.
- (b) Unrooted plant material(excluding bulbils) Unrestricted from areas above. Otherwise Official Services only . PIP, Pc, AD — freedom from Red Rot disease. Tr — fumigation with an appropriate fumigant. Freedom from *Scyphophorus interstitialis* (sisal weevil).
- (c) Bulbils Unrestricted from areas above. Otherwise PIP, Pc, AD — freedom from bacterial and virus diseases. Parent plants were inspected in the field during active growth and found free from Red rot disease. Tr — with an appropriate fungicide.
- (d) Seed PIP.
53. *Thunbergia*
- (a) All plant material Prohibited from the Republic of South Africa. PIP, Pc, AD — freedom from pests, bacteria, fungi, viruses and nematodes.
54. Willow (*Salix* spp.)
- (a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana, and Namibia. PIP, Pc, AD — freedom from diseases listed below.
- (b) Unrooted propagation material PIP, Pc, AD — freedom from *Virus chlorosis*, *Erwinia salicis* and *Pseudomonas saliciperda* (Bacterial twig blight); *Fusicladium miyabeana* (black scab), *Pollaccia saliciperda* (Willow blight), *Physalospora miyabeana*

(Black canker) and *Venturia chlorospora* (willow blight). Tr. — immersion in an appropriate fungicide and fumigation with an appropriate fumigant.

- (c) PIP, Pc, Tr. — with an appropriate fumigant and fungicide.

55. Miscellaneous

Alternate hosts of Pine Rusts.
(Uredinales)

- (a) Plants Prohibited except from the Republic of South Africa. PIP, Pc.

- (b) Vegetative material (excluding seed) of the following genera:
Aster, *Callistephus*, *Cineraria*,
Coreopsis, *Helianthus*, *Impatiens*,
Ipomoea (excluding *I. batatas*),
Jacquemontia, *Nemesia*, *Parthenium*,
Senecio, *Solidago*, *Verbena*,
Wahlenbergia.

Prohibited except from the Republic of South Africa. PIP, Pc.

i. Subterranean material

PIP, Pc, AD — substantiated freedom from virus diseases, bacterial diseases, wilt fungi and *Sclerotium* diseases. Freedom from plant parasitic nematodes with specific reference to the following species: for *Paeonia*: *Aphelenchoides fragariae*, *A. ritzemabosi*, *Ditylenchus dipsaci*, *Pratylenchus* spp. *Meloidogyne* spp. for *Ribes*: *Aphelenchoides ritzemabosi*, *Pratylenchus* spp. *Meloidogyne* spp.

for *Campanula*: *Ditylenchus dipsaci*. *Aphelenchoides ritzemabosi*. and *Meloidogyne* spp. for *Anemone*: *Aphelenchoides fragariae*, *A. ritzemabosi*, *Ditylenchus dipsaci*, *Meloidogyne* spp. and *Pratylenchus* spp.

All species: Freedom from soil or growing medium. Absence of Wart disease (*Synchytrium endobioticum*) from nursery or immediate propagation area. Pine rusts (Uredinales) do not occur in the area of production. Freedom from plant parasitic mites naturally or by treatment.

ii. Unrooted cuttings

PIP, Pc, AD — freedom from Uredinales and spp. of bacterial and virus diseases. Defoliation of material prior to despatch. Tr with an appropriate fungicide.

- iii. Seed (excluding sunflower (*Helianthus annuus*) and commercially cultivated *Ribes* spp.)

Unrestricted.

SUNDRY IMPORTS

1. Imports in general and those not listed below.
2. Belladonna
3. Burdock
4. *Casuarina* (She-oak)
5. Castor-oil
6. Chicory
7. Cork
8. Cotton
9. *Datura* spp.
10. *Digitalis*
11. Dried flowers
12. Elms
13. Fibre (other than cotton)
14. Flax
15. Forest trees
16. Ginseng
17. Hemlock
18. Henbane
19. Hops
20. Jute
21. Maple
22. Packing material
23. Rubber
24. *Rubus cuneifolius*
25. Stored products
26. Tea
27. Tobacco
28. Weeds

1. Sundry imports in general and those not listed below

(a) Plants and vegetative material

Official Services only, unless from the Republic of South Africa, Botswana, Lesotho and Namibia. PIP, Pc, AD—freedom from *Anomala orientalis*, *Eriosoma lanigerum*, *Poppilia japonica*, *Quadraspidiotus perniciosus* and *Tomato ringspot virus*.

(b) Fruits for consumption

PIP, Pc, AD — freedom from relevant viruses, bacteria, fungi, and plant pests.

(c) Seed

Unrestricted only if from reputable source. PIP, Pc, AD — freedom from viruses, bacteria, fungi and plant pests.

(d) Processed products

Unrestricted.

2. Belladonna (*Atropa belladonna* & *A. spp*)
 - (a) Plants Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD as below
 - (b) Unrooted propagation material PIP, Pc, AD — freedom from *Peronospora hyoscyami* (Downy mildew)
 - (c) Vegetative material for extraction of atropine PIP, Pc, Tr — fumigation with methyl bromide.
 - (d) Seed PIP, Pc, AD — freedom from *Peronospora hyoscyami* (Downy mildew).
3. Burdock (*Arctium*)
 - (a) Plant material Prohibited except as a vegetable, directly for eating.
 - (b) Seed Prohibited.
4. Castor Oil (*Ricinus* spp.)
 - (a) Plants & vegetative material Prohibited except from the Republic of South Africa, PIP, Pc.
 - (b) Seed PIP, Pc.
5. *Casuarina* (Beefwood, She-oak)
 - (a) Rooted plant material Prohibited except from the Republic of South Africa, Lesotho, Botswana and Namibia. PIP, Pc, AD as below.
 - (b) Unrooted propagation material PIP, Pc, AD — freedom from *Pseudomonas solanacearum* (wilt)
 - (c) Seed PIP, Pc, AD — freedom of parent plants from *Pseudomonas solanacearum*.
6. Chicory (*Cichorium intybus*) & Endive (*C. endivia*)
 - (a) Plant material except seed Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD as below.
 - (b) Seed PIP, Pc, AD — freedom from *Ustilago cichorii* (smut) and *Marsonina panattoniana* or — Treatment with an appropriate fungicide to eliminate these diseases.
7. Cork
 - (a) Unprocessed PIP, AD — Consignment was fumigated with and appropriate fumigant e.g. Methyl bromide (45g/m³ for 42 hours)
 - (b) Processed Unrestricted.
8. Cotton (*Gossypium* spp.)
 - (a) Plants, vegetative material, dead portions, excluding manufactured and unmanufactured cotton fibre Prohibited.

- | | |
|---|---|
| (b) Unmanufactured cotton, cotton samples, cotton waste, cotton packing material, reclaimed cotton. | Unrestricted from the Republic of South Africa. Otherwise PIP, Pc, — fumigation with with Methyl bromide. |
| (c) Manufactured cotton | Unrestricted |
| (d) Cotton seed and seedy cotton outside or inside the Republic of South Africa. | PIP, Pc, AD — freedom from bacterial, fungus, & viral diseases with special reference to <i>Xanthomonas malvacearum</i> , <i>Ascochyta gossypii</i> , <i>Colletotrichum gossypii</i> , <i>Glomerella gossypii</i> and <i>Verticillium albo-atrum</i> . Mother plants to be inspected during active growth and found free from <i>Diplodia gossypina</i> (<i>Phytophthora rhodina</i> = black boll rot disease), <i>Phymatotrichum omnivorum</i> , <i>Empoasca fascialis</i> (cotton jassid), <i>Spodoptera littoralis</i> and <i>Spodoptera litura</i> . Seed to be flame or acid delinted. Tr. — appropriate fungicide and fumigation treatment. Freedom from <i>Hemitarsonemus latus</i> (Yellow tea mite), <i>Anthonomus grandis</i> , <i>Alabama argillacea</i> (cotton leaf worm) & <i>Heliothis zea</i> (USA cotton bollworm). |
9. *Datura* spp. (Stinkblaar)
Plants, vegetative material and seed
- Prohibited except from the Republic of South Africa, PIP, Pc.
10. *Digitalis*
- (a) Plants and vegetative material
- Prohibited except from the Republic of South Africa. PIP, Pc, AD — freedom from *Colletotrichum fuscum*.
- (b) Seed
- PIP, Pc, AD — Mother plants were inspected during active growth and found free from *Colletotrichum fuscum* (anthracnose). Tr. — hotwater treatment.
11. Dried flowers
- Unrestricted from the Republic of South Africa, Botswana, Lesotho and Namibia. Otherwise PIP, Pc, Tr. — fumigation with methyl bromide.
12. *Elms* (*Celtis*, *Ulmus* and *Zelkova*)
- (a) Plants and vegetative material
- Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD — freedom from microbes and pests listed under (b) ii.
- (b) Seed, dead portions, unbarked products or unmanufactured timber.
- i. from the USA, Europe, Canada or other countries where *Ceratocystis ulmi*, *Endothia parasitica* (Dutch elm disease), *Lymantria dispar* (Gypsy moth) and *Ennomos subsignarius* (Elm spanworm) occur.
- Prohibited.

- ii. From other countries
13. Fibres other than Cotton
 (a) Manufactured Unrestricted.
 (b) Unmanufactured PIP. Tr. if necessary with methyl bromide.
14. Flax (*Linum* spp.)
 (a) Plants and vegetative material Prohibited except from the Republic of South Africa, Botswana, Lesotho, and Namibia. PIP, Pc, AD — freedom from *Colletotrichum lini* & *Septoria linicola*.
 (b) Seed PIP, Pc, AD — freedom from *Colletotrichum lini* & *Septoria linicola*.
 (c) Decorticated fibre Unrestricted.
15. Forest Trees (All spp. except those listed elsewhere)
 (a) Plants, rooted material, plant portions PIP, Pc, AD — freedom from relevant pests and diseases including *Hyphantria cunea*.
 (b) Seed PIP, Pc, AD — appropriate fumigation.
16. Ginseng (*Panax ginseng*)
 (a) Plants Prohibited except from the Republic of South Africa, Botswana, Lesotho & Namibia. PIP, Pc, AD as below.
 (b) Rhizomes for propagation PIP, Pc, AD — freedom of parent plants from *Alternaria panax*. Freedom from plant parasitic nematodes with specific reference to *Meloidogyne* spp.
 (c) Rhizomes for pharmaceutical use Declaration.
17. Hemlock (*Conium maculatum*)
 (a) Plant material excluding seed Prohibited except from the Republic of South Africa. PIP, Pc.
 (b) Seed PIP, Pc, Tr. — fungicidal and fumigation treatments with appropriate chemicals.
18. Henbane (*Hyoscyamus niger*)
 (a) Plants and vegetative material Prohibited except from the Republic of South Africa. PIP, Pc.
 (b) Seed Unrestricted.

PIP, Pc, AD — *Ceratocystis ulmi*, *Endothia parasitica*, *Hylurgopinus rufipes*, *Scolytus multistriatus*, *Scolytus scolytus*, *Lymantria dispar* and *Ennomos subsignarius* do not occur in the country of origin. For seed:—above mentioned and declaration that parent plants were inspected during active growth and found free from *Elm mosaic virus*, *Elm phloem necrosis mycoplasma* and *Tomato black ring virus*. Tr. — fungicidal and fumigation treatment.

19. Hops (*Humulus* spp.)
- (a) Plants and vegetative material
 - i. From the Republic of South Africa. PIP, Pc, AD — as for (a) ii.
 - ii. From other countries PIP, Pc, AD - freedom from *Ditylenchus dipsaci*, *Heterodera humuli*, *Pseudoperonospora humuli* and *Verticillium albo-atrum*. Freedom from virus diseases with specific reference to *Hop mosaic virus*, and *Hop nettle head virus* complex.
 - (b) Seed
 - i. for propagation PIP, Pc, AD — Mother plants were inspected during active growth and found free from *Hop mosaic virus* and the *Nettle head virus* complex.
 - ii. Cones (seed) for commercial purposes PIP, D.
20. Jute (*Corchorus capsularis*)
- (a) Plants or dead portions of plants Prohibited except from the Republic of South Africa. PIP, Pc, AD — as below.
 - (b) Vegetative material and seed elsewhere than (a) Official services only. PIP, Pc, AD — Freedom from *Cacao swollen shoot virus*. Tr. — with an appropriate fungicide. Freedom from *Anomis sabulifera* (Jute semilooper).
21. Maple (*Acer* spp.)
- (a) Plants and vegetative material (rooted) Prohibited except from the Republic of South Africa, Lesotho, Botswana & Namibia. PIP, Pc, AD as below.
 - (b) Seed and unrooted material PIP, Pc, AD — freedom from *Ceratocystis virescens*. Tr. — with an appropriate fungicide (Ceresan) and fumigant (Phostoxin) or AD that Vascular wilt (*Ceratocystis virescens*) does not occur in country of origin.
 - (c) *Acer rubrum*: plants, vegetative material & seed. Prohibited.
22. Packing material
- (a) derived from vegetative material Prohibited except from the Republic of South Africa, Botswana, Lesotho and Namibia.
 - (b) of a non vegetative origin Unrestricted.
23. Rubber (*Hevea* spp.)
- (a) Vegetative material Prohibited except from the Republic of South Africa, PIP, Pc.

(b) Seed

- i. From countries where *Dothidella ulei* (South American leaf blight) occurs
- ii. From other countries

Prohibited.

PIP, Pc, AD that *Dothidella ulei* and *Phomopsis heveae* do not occur in the country of origin. Declaration that parent plants were inspected during active growth and found free from *Ceratocystis fimbriata* and *Phytophthora palmivora*. Treatment with appropriate fumigant and fungicide.

24. *Rubus cuneifolius*

Plants, vegetative material and seed

Prohibited.

25. Stored Products

Official services only. PIP, Pc, AD — Freedom from *Pseudomonas solanacearum* (Granville wilt strain), *Acanthoscelides obtectus* (Pulse beetle), *Callosobruchus chinensis* (Pulse beetle), *Ephestria cautella* (Grain moth), *Sitophilus zeamais* (Maize weevil), *Sitotroga cerealella* (Angoumois grain moth), *Tribolium castaneum* (Rust red flour beetle), *Trogoderma granarium* (Khapra beetle), weevils (Curculionidae), mites, other storage pests and obvious contamination by storage fungi. Inspection if necessary.

26. Tea (*Camellia (Thea) sinensis*)

(a) Plants

Prohibited, except from the Republic of South Africa. PIP, Pc, AD as for (b) ii.

(b) Budwood, jats & scions, and seed

- i. From countries where *Exobasidium vexans* (Blister blight) occurs: (Asia, Assam, India, Indonesia, Japan, Malaysia, New Guinea, Pakistan, Sri-Lanka, Taiwan, Vietnam)
- ii. From other countries outside the Republic of South Africa.

Prohibited.

PIP, Pc, AD that *Exobasidium vexans* does not occur in the country of origin. Declaration that plant material is free from *Calacarus carinatus*, *Xanthomonas gorlencovianum*, *Pestalotiopsis theae*, *Phomopsis theae* and *Rose-llinia* spp. Tr. — Immersion in an appropriate fungicide (Perenox) for 24 hours. Freedom from *Hemitarsonemus latus* (yellow tea mite).

(c) Processed tea

Unrestricted.

27. Tobacco (*Nicotiana* spp.)

- (a) Plant material (excluding leaf tobacco and seed) Prohibited except from the Republic of South Africa, Botswana and Namibia. PIP, Pc, AD — freedom from diseases and pests listed below.
- (b) Seed and unmanufactured leaf tobacco from countries where *Peronospora tabacina* or any other *Peronospora* spp. pathogenic to tobacco occur Prohibited.
- (c) Seed of cultivated or indigenous *Nicotiana* spp. from countries other than the Republic of South Africa. Official services only, PIP, Pc, AD — *Peronospora tabacina* (Blue mould) does not occur in the country of origin. Parent plants to be inspected during active growth and found free from *Pseudomonas mellea* (Wisconsin leaf spot), *Tobacco mottle virus*, *Tobacco ring spot virus*, *Tobacco vein distortion virus*, *Tomato black ring virus*. Freedom from *Choanephora cucurbitarum*. Tr. — appropriate fungicide e.g. Silver nitrate or Thiram, and fumigation e.g. Phostoxin. Freedom from *Hemitarsonema latus* (Yellow teamite)
- (d) Seed of ornamental *Nicotiana* spp. from countries other than the Republic of South Africa PIP, Pc, AD — *Peronospora tabacina* (Blue mould) does not occur in the country of origin (State of origin acceptable in case of the USA). Parent plants were inspected during active growth and found free from *Pseudomonas mellea*, *Tobacco ring spot virus* and *Tomato black ring virus*. Treatment as under (c) above.
- (e) Unmanufactured leaf tobacco from countries other than the Republic of South Africa PIP, Pc, AD that (i) *Peronospora tabacina* does not occur in country of origin. Or (ii) official declaration that tobacco and packing material have been fumigated with Etox at 1000g/m³ for 4 hours under sustained vacuum at 21°C and above. Or (iii) Procedure described under (ii) above will be performed immediately upon arrival of a consignment in the Republic of South Africa or in Swaziland.
- (f) Seed from the Republic of South Africa and manufactured leaf tobacco, cigarettes, cigars etc. Unrestricted provided there is no obvious infection or infestation.

28. Weeds

Any plant material including seed known to be noxious or considered to be a weed (See Schedule I)

Prohibited.

TENTH SCHEDULE (Section 48)

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<i>Capitophorus fragaefolii</i>	80
<i>Capsicum</i> spp.	22,50
<i>Carica papaya</i>	42
Carnation	72
Carpenter ants	77
<i>Carpocapsa pomonella</i>	44,79
<i>Carposina nipponensis</i>	44,79
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<i>Carthamus tinctorius</i>	80
<i>Carya</i> spp.	42
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<i>Cassava</i> spp.	22,51
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<i>Cassava mosaic virus</i>	51
<i>Cassia</i>	70
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<i>Casuarina</i> spp.	83
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<i>Cedrus</i> spp.	71
<i>Ceiba pentandra</i>	74
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<i>Centaurea calcitrapa</i>	20
<i>Centaurea meliensis</i>	20
<i>Centaurea solstitialis</i>	20
<i>Cephalosporium diospyri</i>	43
<i>Cephalosporium graminum</i>	61
<i>Cephalosporium maydis</i>	62,64
<i>Cephus cinctus</i>	61
<i>Cephus pygmaeus</i>	61
<i>Ceratitis capitata</i>	28,33
<i>Ceratitis catorii</i>	34
<i>Ceratitis cosyra</i>	34
<i>Ceratitis malagassa</i>	34
<i>Ceratocystis fagacearum</i>	68,71,73,75
<i>Ceratocystis fimbriata</i>	37,55,87
<i>Ceratocystis ulmi</i>	84,85
<i>Ceratocystis virescens</i>	86
<i>Ceratophyllum demersum</i>	67
<i>Cercospora</i> spp.	59
<i>Cercospora asparagi</i>	50
<i>Cercospora carthami</i>	80
<i>Cercospora henningi</i>	51
<i>Cercospora loti</i>	60

<i>Cercospora medicaginis</i>	59
<i>Cercospora pini—densiflorae</i>	71
<i>Cercospora purpurea</i>	35
<i>Cercospora sesami</i>	45
<i>Cercospora sojina</i>	58
<i>Cercospora transveisina</i>	52
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<i>Ceroplastes</i> spp.	35
<i>Ceroplastes luteolus</i>	38
<i>Ceroplastes rubens</i>	38
<i>Ceroplastes ruisci</i>	35
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<i>Chaenomeles</i> spp.	79
<i>Chara</i> spp.	67
Cherimoya	39
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<i>Chrysanthemum</i> spp.	71
<i>Chrysanthemum cineraraefolium</i>	77
<i>Chrysanthemum roseum</i>	77
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<i>Chrysomyxa arctostaphyli</i>	72
<i>Chrysomyxa rhododendri</i>	78

<i>Cicer arietinum</i>	22,58
<i>Cichorium endivia</i>	83
<i>Cichorium intybus</i>	83
<i>Cienfugosia</i> spp.	21
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<i>Citrullus vulgaris</i>	56
<i>Citrus</i> spp.	7,12,21,23,27,35
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<i>Citrus psylla</i>	35
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<i>Cnicus lanceolatus</i>	20
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<i>Colletotrichum dematium</i>	58
<i>Colletotrichum fuscum</i>	84
<i>Colletotrichum gloeosporioides</i>	42
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<i>Coriandrum sativum</i>	22,52
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<i>Corylus</i> spp.	22,74
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<i>Corynebacterim fascians</i>	46,50
<i>Corynebacterium flaccumfaciens</i>	58

<i>Corynebacterium insidiosum</i>	59,60
<i>Corynebacterium michiganense</i>	56
<i>Corynebacterium sepedonicum</i>	54
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<i>Crocus</i> spp.	22,69
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<i>Cyperus esculentus</i>	67
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<i>Dacus dorsalis</i>	28,33,34,35,36,39,40,41,43,44,45
<i>Dacus tryoni</i>	34,35,36,40,41,43
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<i>Drechslera verticillata</i>	61
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<i>Eriophyes sheldoni</i>	35
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<i>Eriosoma lanigerum</i>	33,66,82
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<i>Erwinia amylovora</i>	44,45,71,78,79
<i>Erwinia ananas</i>	43
<i>Erwinia carotovora</i>	41,50,53
<i>Erwinia chrysanthemi</i>	63,71,73,79
<i>Erwinia rhapontici</i>	54
<i>Erwinia rubrifaciens</i>	47
<i>Erwinia salicis</i>	80
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<i>Erythroneura comes</i>	39
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<i>Gloeotinia temulenta</i>	61,62
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<i>Glomerella psidii</i>	39
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<i>Goplana dioscorea</i>	56
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<i>Guignardia citricarpa</i>	39
<i>Gymnosporangium</i> spp.	72,79
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<i>Hakea</i> spp.	74
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<i>Hallula phidilealis</i>	50
<i>Hamaspora longissima</i>	45
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<i>Harpalus rufipes</i>	46
<i>Harrisia</i> spp.	70
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<i>Helianthus annuus</i>	46
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<i>Helianthus tuberosus</i>	49
<i>Heliconia</i> spp.	40
<i>Helminthosporium miyabeanus</i>	63
<i>Helminthosporium sigmoideum</i>	63
<i>Heliocotylenchus multicinctus</i>	41
<i>Heliothis armigera</i>	66

<i>Heliothis zea</i>	84
<i>Hemerocallis</i> spp.	69
<i>Hemicriconemoides mangiferae</i>	34
<i>Hemitarsonemus latus</i>	34,35,44,56,84,87,88
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Hemp (sisal)	21,22,80
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<i>Heterobostrychus aequalis</i>	34
<i>Heterodera</i> spp.	48,57,60,68,69
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<i>Heterodera galeopsidis</i>	54
<i>Heterodera glycines</i>	58
<i>Heterodera humuli</i>	86
<i>Heterodera pallida</i>	54
<i>Heterodera punctata</i>	61
<i>Heterodera rostochiensis</i>	54
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<i>Hibiscus cannabinus</i>	74
<i>Hibiscus esculentus</i>	74
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<i>Holodiscus</i> spp.	79
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<i>Humulus</i> sp.	23,86
<i>Hyacinthus</i> spp.	22,69
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<i>Hydrocles nymphoides</i>	67
<i>Hylemyia brassicae</i>	50
<i>Hylurgopinus rufipes</i>	85
<i>Hymenocallis</i> spp.	69
<i>Hyoscyamus niger</i>	23,85
<i>Hypanthemus hampei</i>	38
<i>Hyperodes honariensis</i>	61
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<i>Iris</i> spp.	69,70
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<i>Isariopsis griseola</i>	58
<i>Ischaemun rugosum</i>	67
<i>Ixia</i> spp.	69
J.	
<i>Jacquemontia</i> spp.	81
<i>Jeffersonia</i> spp.	68
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<i>Juglans</i> spp.	46
<i>Juniperus</i>	71
<i>Jussiaea repens</i>	67
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<i>Kabatiella zae</i>	63
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<i>Keiferia lycopersicella</i>	55
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<i>Kerria</i> spp.	79
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<i>Lagarosiphon</i> spp.	67
<i>Lagenaria</i> spp.	52
<i>Lagerstroemia indica</i>	74
<i>Lantana camara</i>	20
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<i>Leptinotarsa decemlineata</i>	48
<i>Leptosphaeria maculans</i>	50
<i>Leptosphaeria salvinii</i>	63
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<i>Linum</i> spp.	85
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<i>Litchi chinensis</i>	40
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<i>Locusta pardalina</i>	15
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<i>Lotus</i> spp.	60
<i>Lophodermium pinastri</i>	72
<i>Lophotocarpus guayanensis</i>	67
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<i>Ludwigia adscendens</i>	67
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<i>Lupinus</i> spp.	59
<i>Lycopersicum esculentum</i>	55
<i>Lymantria dispar</i>	77,79,80,84,85

M.

<i>Macadamia</i> spp.	22,40
<i>Macrophomina phaseolina</i>	45
<i>Macroptilium</i>	57,58
<i>Macrosiphum avenae</i>	60
<i>Macrosiphum pisi</i>	60
<i>Macrosiphum solanum</i>	54
Madagascarene fly	34
<i>Mahoberberis</i> spp.	68
<i>Mahonia</i> spp.	68
Maize	21,28,63
<i>Maize dwarf mosaic virus</i>	63,64
Maize weevil	87
Malta Thistle	20
<i>Malus</i> spp.	79
Malvaceae	22,74
Malting barley	61
Malting sorghum	64
<i>Mamillaria</i> spp.	70
<i>Mangifera indica</i>	34
Mango	34
<i>Mango bunchy top virus</i>	34
Mango seed weevil	34

<i>Manihot aipi</i>	51
<i>Manihot esculenta</i>	51
<i>Manihot utilissima</i>	22,51
Maple	86
<i>Marasmius palmivora</i>	41,76
<i>Marasmius perniciosus</i>	37
<i>Marsilea</i> spp.	67
<i>Marsonina panattoniana</i>	83
<i>Mauginiella scattae</i>	42,76
Mauritius thorn	20
Maydeae	62
<i>Medicago</i> spp.	59
<i>Medicago denticulata</i>	59
<i>Medicago laciniata</i>	59
<i>Medicago minima</i>	59
<i>Medicago polymorpha</i>	60
<i>Medicago praecox</i>	60
<i>Medicago sativa</i>	59
<i>Medicago virus 3</i>	59,60
<i>Melampsora</i> spp.	77
<i>Melampsora medusae</i>	72,77
<i>Melanops perseae</i>	34
<i>Melilotus</i> spp.	60
<i>Melithomma insulare</i>	42,76
<i>Meloidodera floridensis</i>	72
<i>Meloidogyne</i> spp.	41,48,49,50,53,55,68,69,70,81,85
<i>Meloidogyne arenaria</i>	59
<i>Meloidogyne coffeicola</i>	38
<i>Meloidogyne graminicola</i>	60
Melon	52
Melon fruit fly	52
<i>Melon mosaic virus</i>	52,56
<i>Mentha piperita</i>	53
<i>Mespilus</i> spp.	79
<i>Metasmius hemipterus</i>	64

Mexican fruit fly	34
Mexican Poppy	20
<i>Microlepis</i> spp.	67
<i>Microsphaera</i> spp.	51
<i>Microsphaera alni</i>	42
Millet	21,62
<i>Mimosa nigra</i>	67
Minister of Agriculture	4,19
Mint	53
Moko disease	40
<i>Monilia roreri</i>	37
<i>Monilochaete infuscans</i>	55
<i>Morus</i> spp.	75
Mulberry	75
<i>Mulberry mosaic virus</i>	75
Musaceae	40
<i>Muscari</i> spp.	69
Mushrooms	5,13
Mushroom licence	13,29
Mushroom rootrot	40
Muskmelon	52
<i>Muskmelon mosaic virus</i>	56
<i>Muskmelon necrotic spot virus</i>	52
Mussel scale	35
<i>Mycosphaerella fijiensis</i>	40,41
<i>Mycosphaerella ligulicola</i>	71,78
<i>Mycosphaerella musicola</i>	40,41
<i>Mycosphaerella populorum</i>	77
<i>Mycosphaerella rabiei</i>	58
<i>Mycrocystis toxica</i>	67
<i>Mylopandalis pandalina</i>	52
<i>Myriophyllum aquaticum</i>	20,67
<i>Myzus persicae</i>	79

N.

<i>Najas</i> spp.	67
<i>Nardina</i> spp.	68
<i>Narcissus</i> spp.	22,69
<i>Nasella trichotoma</i>	20,62
<i>Nasella</i> tussock grass	20,62
National parks & reserves	18
National Trust Commission Act	12
Navel orange moth	42,47
<i>Nectria galligena</i>	44,78,79
Needle cast fungi	72
<i>Nelumbo nucifera</i>	67
<i>Nemesia</i> spp.	81
<i>Neovossia indica</i>	61
<i>Neptunia oleracea</i>	67
<i>Nerine</i> spp.	69
Nettle head virus complex	86
New Zealand Flax	22,73
<i>Nicotiana</i> spp.	87,88
<i>Nipaecoccus nipae</i>	28,55
<i>Nomadacris septemfasciata</i>	15
<i>Nopalea</i> spp.	70
Noxious weeds	5,13—14,20—21,88
Noxious weeds Act	20
Nursery Registration	6—8,23—24
<i>Nymphoides indica</i>	67
<i>Nymphaea caerulea</i>	67
<i>Nymphaea capensis</i>	67
<i>Nymphaea lotus</i>	67
<i>Nymphaea maculata</i>	67
<i>Nymphaea odorata</i>	67
<i>Nymphula depunctalis</i>	63
Nursery	5—9,12,23—25
Nursery Registration Board	6,23

O.

Oak	75
Oak rusts	75
Oak wilt	68,73,75
Oats	21,61
Occupier	5
Offences	19—20
Official Services only	31
Oil palm	22,41
Oil seeds	42,46
Okra fibre	74
<i>Olea</i> spp.	41
<i>Oligonychus biliariensis</i>	34
<i>Oligonychus mangiferus</i>	34,35
<i>Oligonychus pratensis</i>	42,76
Olive	41
Olive scale	35
<i>Olpidium brassicae</i>	74
Onions	48
<i>Onion yellow dwarf virus</i>	48
Onion smut	48
<i>Ophiobolus graminis</i>	61
<i>Ophiostoma roboris</i>	75
Opium poppy	22,75
<i>Opogona sacchari</i>	53
<i>Opuntia</i> spp.	22,70
<i>Opuntia aurantiaca</i>	20,70
<i>Opuntia pusilla</i>	20,70
<i>Opuntia rosea</i>	20,70
<i>Opuntia vulgaris</i>	70
Orange peel	35
Orange spiny white fly	35
Orchids	22,75
Orchid medium	76

<i>Oreodoxa regia</i>	41
Oriental citrus aphid	35
Oriental citrus psylla	35
Oriental fruit fly	34
Ornamentals	7,24,64
<i>Ornithogalum</i> spp.	69
<i>Ornithopus</i> spp.	60
<i>Ostrinia nubilalis</i>	60
<i>Oryza</i> spp.	63
<i>Oryza brachyantha</i>	67
<i>Oryza breviligulata</i>	67
<i>Oryza perennis</i>	67
<i>Ottelia ulvifolia</i>	67
<i>Oulema melanopus</i>	60
<i>Ovulina azaleae</i>	78
Owner	5

P.

<i>Pachytiplosis oryzae</i>	63
Packing Material	16,86
<i>Paeonia</i> spp.	81
Palms	7,22,41,76
Panama disease	41
<i>Panax ginseng</i>	22,85
<i>Panicum</i>	61
<i>Panonychus citri</i>	35,66
<i>Papaver somniferum</i>	22,75
<i>Papaya distortion ringspot virus</i>	42
<i>Papaya leaf curl</i>	42
<i>Papaya mosaic</i>	42
<i>Papaya yellow crinkle</i>	42
<i>Paramyelois transitella</i>	39,42,43,47
<i>Pardalaspis cyanescens</i>	56
<i>Parlatoria blanchardii</i>	42,76

<i>Parlatoria citri</i>	35
<i>Parlatoria oleae</i>	35,41
<i>Parlatoria zizyphi</i>	28
Parsnip	53
Partial bunt of wheat	61
<i>Parthenium</i> spp.	81
<i>Passiflora</i> spp.	42
Passion fruit	42
<i>Passion fruit woodiness virus</i>	42
<i>Pastinaca sativa</i>	53
Pasture grasses	7,62
Pasture legumes	59,60
Paw paw	42
Pea	60
<i>Pea seedborne mosaic virus</i>	60
Peach	43
<i>Peach mosaic virus</i>	79
<i>Peach rosette mosaic virus</i>	39,79
Peach twig borer	79
<i>Peanut clump virus</i>	59
<i>Peanut marginal chlorosis virus</i>	59
<i>Peanut ring spot virus</i>	59
<i>Peanut stunt disease virus</i>	59
Pear	43,45
Pear blister mite	34,45
<i>Pear decline mycoplasma</i>	79
Pear rust mite	44,45
<i>Pear stony pit virus</i>	79
Peat	76
Peatmoss	76
Pecan	42
<i>Pellicularia koloroga</i>	38,42,53
Penalties	19,20
<i>Pennisetum</i>	61

Pepper	22,50,53
Pepper weevil	53
<i>Pereskia</i> spp.	70
<i>Periconia circinata</i>	64
<i>Peridermium kurilense</i>	72
Permanent Secretary of Agriculture	5,6,8,9,10,11,13,14,15,17,19,21,28
<i>Peronospora arborescens</i>	75
<i>Peronospora farinosa</i>	55
<i>Peronospora hyoscyami</i>	83
<i>Peronospora manshurica</i>	58
<i>Peronospora rubi</i>	45
<i>Peronospora schachtii</i>	50
<i>Peronospora tabacina</i>	88
<i>Peronospora viciae</i>	58
<i>Persaea</i> spp.	34
<i>Persaea americana</i>	34
Persimmon	23,43
Persimmon wilt	43
<i>Pestalotia psidii</i>	39
<i>Pestalotiopsis theae</i>	87
Petal blight of <i>Dianthus</i>	72
<i>Petrobia latens</i>	48,61
<i>Petunia</i> spp.	76
<i>Peucedanum</i> spp.	51
<i>Phaseolus</i> spp.	57
<i>Phaseolus lunatus</i>	58
<i>Phenacaspis pinifoliae</i>	71
<i>Phialophora cinerescens</i>	72
<i>Phoenix dactylifera</i>	41
<i>Phoma arachidis</i>	50
<i>Phoma asparagi</i>	59
<i>Phoma betae</i>	50
<i>Phoma exigua</i>	54
<i>Phoma lingam</i>	50

<i>Phoma oleracea</i> var. <i>helianthi</i> — <i>tuberosi</i>	46,49
<i>Phoma strasserii</i>	53
<i>Phomopsis anonae</i>	39
<i>Phomopsis heveae</i>	87
<i>Phomopsis leptostromiformis</i>	59
<i>Phomopsis loti</i>	60
<i>Phomopsis theae</i>	87
<i>Phomopsis vexans</i>	55
<i>Phomopsis viticola</i>	39
<i>Phoracantha semipunctata</i>	73
<i>Phormium tenax</i>	22,73
<i>Phormium yellow leaf mycoplasma</i>	73,74
<i>Photinia</i> spp.	79
<i>Phragmites mauritianus</i>	67
<i>Phthorimaea operculella</i>	55
<i>Phyllosticta maydis</i>	63
<i>Phyllosticta solitaria</i>	79
<i>Phyllosticta zingiberi</i>	53
<i>Phylloxera</i>	39
<i>Phymatotrichum omnivorum</i>	70,71,72,84
<i>Physalis</i> spp.	76
<i>Physalospora miyabeana</i>	80
<i>Physalospora rhodina</i>	56,84
<i>Physopella ampelopsidis</i>	39
<i>Phytomonas ananas</i>	43
<i>Phytophthora</i> spp.	43,56
<i>Phytophthora cambivora</i>	71
<i>Phytophthora capsici</i>	51
<i>Phytophthora cinnamomi</i>	35,39,40,43,77
<i>Phytophthora fragariae</i>	46,78
<i>Phytophthora palmivora</i>	37,38,39,42,43,46,53,87
<i>Phytophthora infestans</i>	54
<i>Phytophthora parasitica</i>	43

Phytosanitary certificate	11,12,28—29,32
Pierce's disease	39
<i>Pieris</i> spp.	50
Pineapple	43
Pineapple scale	43
Pine rusts	22,75,81
Pine sawfly	71
Pink	72
<i>Pinus</i> spp.	71
<i>Piper</i> spp.	22
<i>Piper auritum</i>	53
<i>Piper nigrum</i>	53
<i>Pissodes</i> spp.	71
<i>Pistia stratiotes</i>	20,67
<i>Pisum</i> spp.	60
<i>Planococcus kenyae</i>	38
<i>Planococcoides njalensis</i>	37
Plant	5,18,19
Plant disease	5,10,17,19
Plant Import Permit	10,11,16,17,26,27,32
Plant pathologist	6,8,11,12
Plant Protection Act (1959)	20
Plantain	40
<i>Plasmopara halstedii</i>	46,49
<i>Plasmopara viticola</i>	39
<i>Pleospora papaveracea</i>	75
Plums	43
<i>Plumline pattern virus</i>	79
<i>Plum pox virus</i>	79
<i>Podophyllum</i> spp.	68
Poison ivy	77
Poles	8
<i>Polianthus</i> spp.	69
Police Officer	5

<i>Pollaccia saliciperda</i>	80
Polyporaceae	5
<i>Polyporus bandonii</i>	73
Pomegranate	77
Pontederiaceae	66
Poplar	77
<i>Poplar mosaic virus</i>	77
<i>Poppilia japonica</i>	33,48,57,60,66,82
Poppy	22
<i>Populus</i> spp.	77
<i>Poria weirii</i>	72
Pot plants	21,23
<i>Potamogeton</i> spp.	67
Potato	54
Potato, "seed"	22,54
<i>Pratylenchus</i> spp.	41,48,50,68,69,70,81
<i>Pratylenchus brachyurus</i>	54
<i>Pratylenchus coffeae</i>	38,48,51
<i>Pratylenchus pratensis</i>	61
<i>Pratylenchus zeae</i>	63
<i>Protea</i> spp.	77
<i>Prunus</i> spp.	79
<i>Prunus necrotic ringspot virus</i>	52
<i>Pseudaulacaspis pentagona</i>	55,79
<i>Pseudococcus comstocki</i>	28,75
<i>Pseudococcus nipae</i>	42,76
<i>Pseudococcus obscurus</i>	28
<i>Pseudomonas aleurititis</i>	46
<i>Pseudomonas andropogonis</i>	64
<i>Pseudomonas aptata</i>	50
<i>Pseudomonas caryophylli</i>	73
<i>Pseudomonas cichorii</i>	46,49,52
<i>Pseudomonas garceae</i>	38
<i>Pseudomonas glycinea</i>	58

<i>Pseudomonas helianthi</i>	46,49
<i>Pseudomonas maublanci</i>	40,41
<i>Pseudomonas mellea</i>	88
<i>Pseudomonas mors-prunorum</i>	79
<i>Pseudomonas nectarophila</i>	79
<i>Pseudomonas pisi</i>	60
<i>Pseudomonas saliciperda</i>	80
<i>Pseudomonas syringae</i>	77
<i>Pseudomonas savastanoi</i>	41
<i>Pseudomonas solanacearum</i>	40,41,51,53,54,55,83,87
<i>Pseudoperonospora humuli</i>	86
<i>Pseudotheraptus wayi</i>	42,76
<i>Psidium guajava</i>	39
<i>Psorosis virus</i>	35
<i>Psylla pyricola</i>	45
<i>Pterostichus madidus</i>	46
<i>Puccinia arachidis</i>	59
<i>Puccinia asparagi</i>	48,50
<i>Puccinia graminis</i>	69
<i>Puccinia horiana</i>	71
<i>Puccinia psidii</i>	39
<i>Pueraria</i> spp.	57,58
<i>Pulse beetles</i>	87
<i>Pulvinaria floccifera</i>	66
Pumpkin	52
<i>Punica</i> spp.	77
Purple star thistle	20
<i>Pycreus</i> spp.	67
<i>Pyracantha</i> spp.	79
<i>Pyrethrum</i> spp.	22,77
<i>Pyrus</i> spp.	22,79

Q.

<i>Quadraspidiotus perniciosus</i>	28,33,34,66,82
Quarantine	8—9,15—16

Queensland fruit fly	44
<i>Quercus</i> spp.	75
Quince	43
R.	
Radish	53
<i>Radopholus similis</i>	35,40,41,43,49,50,53,55,66
<i>Ramularia bellunensis</i>	78
<i>Ramularia sorghi</i>	64
<i>Raphanus sativus</i>	53
Raspberry	45
<i>Raspberry leaf curl virus</i>	45
<i>Raspberry ringspot virus</i>	45
<i>Ratoon stunt disease</i>	64
Ray blight of <i>Chrysanthemum</i>	71
Red locust	15
Redring disease	37,38,76
Red scale	35
<i>Rhadinaphelenchus cocophilus</i>	37,38,42,76
<i>Rhagoletis</i> spp.	35
<i>Rhagoletis cerasi</i>	44
<i>Rhagoletis cingulata</i>	44
<i>Rhagoletis completa</i>	47
<i>Rhagoletis fausta</i>	44
<i>Rhagoletis pomonella</i>	44
<i>Rhamnus</i> spp.	69
<i>Rheum raponticum</i>	54
<i>Rhizoctonia leguminicola</i>	58
Rhizomes	22,69
<i>Rhododendron</i> spp.	78
<i>Rhododendron</i> rust	78
Rhubarb	54
<i>Rhubarb mosaic virus</i>	54
<i>Rhus toxicodendron</i>	77
<i>Rhyncophora palmarum</i>	37,38,42,76

<i>Ribes</i> spp.	81
Rice	21,63
<i>Ricinus</i> spp.	83
Rock	21
Root wilt of coconut	37,38
<i>Rosa</i> spp.	22,79
Rosaceae	22,43,78,79,80
Rose	7,22,79
<i>Rose rosette virus</i>	79,80
<i>Rose wilt virus</i>	79,80
<i>Rosellinia</i> spp.	87
<i>Rotylenchulus reniformis</i>	49,51,55
Rubber	22,86,87
<i>Rubus</i> spp.	45
<i>Rubus cuneifolius</i>	87
<i>Rubus fruticosus</i>	45
<i>Rubus idaeus</i>	45
<i>Russet crack virus</i>	55
Rust red flour beetle	87
Rutaceae	35
Rye	61

S.

<i>Saccharum officinale</i>	64
Safflower	80
Saffron	69
<i>Sagittaria guayanensis</i>	67
<i>Salix</i> spp.	80
Salsify	54
Salviniaceae	67
<i>Salvinia molesta</i>	20,67
<i>Sambucus</i> spp.	73
Sand	21
San Jose scale	34
<i>Scaphytopius nitridus</i>	35

<i>Scilla</i> spp.	69
<i>Scirrhia acicola</i>	72
<i>Scirpus</i> spp.	67
<i>Sclerophthora rayssiae</i> var. <i>zeae</i>	62
<i>Sclerospora graminicola</i>	63
<i>Sclerospora macrospora</i>	63
<i>Sclerospora maydis</i>	2,63
<i>Sclerospora philippinensis</i>	2,63
<i>Sclerospora sacchari</i>	63,64
<i>Sclerospora spontanea</i>	63,64
<i>Sclerotinia bulborum</i>	69,70
<i>Sclerotium</i> spp.	81
<i>Sclerotium tuliparum</i>	69,70
Scolytidae	71
<i>Scolytus multistriatus</i>	85
<i>Scolytus scolytus</i>	85
<i>Scorzonera</i>	54
Scotch Thistle	20
<i>Scyphophorus interstitialis</i>	80
<i>Secale</i> spp.	61
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Seed potatoes	22,54
Seeds	21,32
<i>Senecio</i> spp.	81
<i>Septobasidium aleuritidis</i>	46
<i>Septoria apii</i>	51
<i>Septoria azaleae</i>	78
<i>Septoria gladioli</i>	70
<i>Septoria glycines</i>	58
<i>Septoria linicola</i>	85
<i>Septoria tritici</i>	61
Sesame	45
<i>Sesamum indicum</i>	45
<i>Sesbania punicea</i>	20
<i>Setaria</i>	61,62
<i>Setaria chevalieri</i>	20

Shade trees	7
Shallots	48
She-oak	83
Shuck die-back	42
Sikay	52
Sigatoka disease	40
Sisal	21,22,80
Sisal weevil	80
<i>Sitophilus zeamais</i>	87
<i>Sitotroga cerealella</i>	87
Soil	21
<i>Solanum</i> spp.	4,55
<i>Solanum indicum</i>	55
<i>Solanum mauritianum</i>	20
<i>Solanum melongena</i>	55
<i>Solanum tuberosum</i>	54
<i>Solidago</i> spp.	81
<i>Sorbaria</i> spp.	79
<i>Sorbus</i> spp.	79
<i>Sorghum</i> spp.	21,22,63
<i>Sorghum halepense</i>	2,63
South African citrus psylla	35
South American leaf blight	87
Soybean	58
Soybean cyst nematode	58
<i>Soybean stunt virus</i>	58
<i>Sparaxis</i> spp.	69
<i>Sparganium</i> spp.	67
Spear thistle	20
<i>Sphaceloma arachidis</i>	59
<i>Sphaceloma punicae</i>	77
Sphagnum	76
<i>Sphenoclea zeylanica</i>	67
Spidermite	34
Spices	47

<i>Spilographa electa</i>	53
Spinach	55
<i>Spinacia oleracea</i>	55
Spiny Hakea	20
<i>Spiraea</i> spp.	79
<i>Spodoptera littoralis</i>	66,84
<i>Spodoptera litura</i>	66,84
<i>Spodoptera mauritia</i>	63
<i>Sprekelia</i> spp.	69
Squash	52
<i>Squash mosaic virus</i>	56
<i>Stangeria</i> spp.	72
St. Barnabas Thistle	20
Stem canker of soybean	58
<i>Stephanitis pyri</i>	79
<i>Stephanitis typica</i>	41
<i>Stephanoderes hampei</i>	38
<i>Stereum purpureum</i>	79
Sterility disease of wheat	61
<i>Sternochetus mangiferae</i>	34
Stinkblaar	84
<i>Stipa trichotoma</i>	20,62
<i>Stolbur mycoplasma</i>	54
<i>Stony pit virus</i> disease of pear	79
Storage fungi	61,87
Storage pests	61,87
Stored products	61,87
<i>Stranvaesia</i> spp.	79
Straw	61
Strawberry	46,78
Strawberry tortrix	46
<i>Strawberry vein bending virus</i>	46
Strawberry weevil	46
<i>Streak virus of carnation</i>	73

<i>Striate mosaic virus</i>	64
<i>Striga</i> spp.	21
Stripe wilt	61
Subtropical crops	22
Subtropical fruits	22
Sugarcane	8,21,64
<i>Sugarcane chlorotic streak virus III:</i>	64,68
<i>Sugarcane grassy shoot virus</i>	64,68
Sugar smut	64
Sundry Imports	22,82
Sunflower	46
Sunhemp	58
Swaziland Citrus Board	12,21
Swaziland Sugar Association	4,9
Swaziland Sugar Industry Agreement	8,9
Swaziland National Trust Commission	6,11,12,28
Sweet Pea	59
Sweet potato	55
<i>Sweet potato russet crack virus</i> — <i>See Russet crack virus</i>	—
Sweet william	72
<i>Syagrus</i> spp.	37
<i>Synanthedon bibiopennis</i>	46
<i>Synchytrium endobioticum</i>	45,48,54,68,69,70,80,81
T.	
<i>Tachypterellus quadrigibbus</i>	44,79
Take-all	61
Tapioca	51
Target spot of soybean	58
Tea	22,87
<i>Tephrocactus</i> spp.	70
<i>Tetraneura akinire</i>	63
Tetranychid mite	35
<i>Tetranychus viennensis</i>	79
Texas root rot	71,72

Thatching material	61
<i>Thea sinensis</i>	22,87
<i>Theobroma cacao</i>	22,36
Thistles	20
Thread blight	42
<i>Thrips tabaci</i>	48.66
<i>Thunbergia</i> spp.	80
<i>Tigridia</i> spp.	69
<i>Tilletia barclayana</i>	63
<i>Tilletia contraversa</i>	61
<i>Tilletia foetida</i>	61
<i>Tilletia indica</i>	61
Timber	5,14,72,75
Timangaja disease	37,38,42
Tobacco	23,87,88
<i>Tobacco mottle virus</i>	88
<i>Tobacco ringspot virus</i>	68,76,88
<i>Tobacco vein distortion virus</i>	88
Tomato	21,55
<i>Tomato aspermy virus</i>	71
<i>Tomato black ring virus</i>	39,50,56,85,88
<i>Tomato bunchy top virus</i>	56,77
Tomato fruit fly	56
<i>Tomato ringspot virus</i>	33,48,56,57,60,66,82
Tomato spotted wilt	43
<i>Tortrix pronumbana</i>	73
<i>Toxoptera citricida</i>	35
Trader	5,8
<i>Tragopogon</i> spp.	54
<i>Trapa natans</i>	67
Trefoil	60
<i>Tribolium castaneum</i>	87
<i>Trichoconis padwickii</i>	63
<i>Trichoplusia ni</i>	50

<i>Trifolium</i> spp.	60
<i>Trigonella foenum-graecum</i>	52
<i>Trioza erytreae</i>	35
<i>Tristeza virus</i>	35
<i>Triticale</i> spp.	61
<i>Triticum</i> spp.	61
<i>Tritonia</i> spp.	69
<i>Trogoderma granarium</i>	61,87
<i>Trophotylenchulus florodensis</i>	43
Tropical citrus aphid	35
Tropical fruit fly	34
Tubers	69
<i>Tulipa</i> spp.	22,69
<i>Tulip breaking virus</i>	69
Tulip fire	69
Tung oil tree	46
Tungaro	63
Turmeric	52
Tussock grass	20
<i>Tylenchulus semipenetrans</i>	35
<i>Typha</i> spp.	67
<i>Typhonodorum lindleyanum</i>	67

U.

<i>Ulmus</i> spp.	84
Uredinales	81
<i>Urocystis agropyri</i>	61
<i>Urocystis cepulae</i>	48,49
<i>Uromyces</i> spp.	51,70
<i>Urophlyctes alfalfae</i>	59
<i>Ustilaginoidea virens</i>	63
<i>Ustilago cichorii</i>	83
<i>Ustilago scitaminea</i>	64
<i>Ustilago scorzonerae</i>	54
<i>Ustilago violacea</i>	72

V.

<i>Vaccinium</i> spp.	72
<i>Vaccinium macrocarpum</i>	22,72
<i>Vaccinium stunt virus</i>	72
<i>Vancouveria</i> spp.	68
<i>Vanilla</i> spp.	23,56
Vegetable alectra	20
Vegetables	8,21,22,23,47
Vegetative material	32
<i>Venturia chlorospora</i>	79,81
<i>Venturia pirina</i>	79
<i>Verbena</i> spp.	81
<i>Verticillium</i> spp.	56
<i>Verticillium alboatrum</i>	54,55,59,60,84,86
<i>Verticillium dahliae</i>	53
Vetch	22,57
<i>Vicia</i> spp.	22,57
<i>Vigna</i> spp.	57,58
Vines	7
Vine moth	39
<i>Virus chlorosis of Salix</i>	80
<i>Viteus vitrifolii</i>	39
<i>Vitis</i> spp.	39
<i>Vossia cuspidata</i>	67

W.

<i>Wahlenbergia</i> spp.	81
Walnut	46
Wart disease	48,68,69,70,81
Water fern	20
Water hyacinth	20
Water lettuce	20
Watermelon	56
Water milfoil	20
Water plantain	20

<i>Watsonia</i> spp.	69
Wax	17,18,21
Wax scale	35
Weeds	13,14,20,88
Weed Inspector	6,13—14
Weevils	61,72,87
Wheat	21,61
Wheat curl mite	48
White rot of grape & vine	39
<i>Widdringtonia</i>	71
Wild cotton	20
Wild Mushroom Control Order	20
Willow	80
Willow blight	80,81
Wisconsin leafspot	88
Witchweed	21
<i>Wolffia arrhiza</i>	67
Woodborer	6,14
Wreaths	23

X.

X disease of <i>Prunus</i>	79
<i>Xanthium spinosum</i>	20
<i>Xanthium strumarium</i>	20
<i>Xanthomonas albilineans</i>	64
<i>Xanthomonas ampelina</i>	39
<i>Xanthomonas begoniae</i>	68
<i>Xanthomonas campestris</i>	50,53
<i>Xanthomonas cassavae</i>	51
<i>Xanthomonas celebensis</i>	40,41
<i>Xanthomonas citri</i>	35,36
<i>Xanthomonas corylina</i>	74
<i>Xanthomonas fragariae</i>	46,78
<i>Xanthomonas gorlencovianum</i>	87
<i>Xanthomonas hyacinthi</i>	69

<i>Xanthomonas holcicola</i>	64
<i>Xanthomonas juglandis</i>	47
<i>Xanthomonas lespedezae</i>	60
<i>Xanthomonas malvacearum</i>	84
<i>Xanthomonas manihotis</i>	51
<i>Xanthomonas oryzae</i>	63
<i>Xanthomonas oryzicola</i>	63
<i>Xanthomonas panici</i>	62
<i>Xanthomonas phaseoli</i>	58
<i>Xanthomonas phormicola</i>	73
<i>Xanthomonas pruni</i>	79
<i>Xanthomonas rubrilineans</i>	64
<i>Xanthomonas rubrisubalicans</i>	64
<i>Xanthomonas stewartii</i>	63,64
<i>Xanthomonas vasculorum</i>	64
<i>Xanthomonas vesicatoria</i>	51
<i>Xylosandrus morigerus</i>	38

Y.

Yam	22,56
<i>Yam mosaic virus</i>	56
<i>Yellow dwarf virus</i>	63
Yellow tea mite	35,44,56,84,87,88
Yellow thistle	20
Youngberry	45

Z.

<i>Zabrus tenebrioides</i>	60
<i>Zelkova</i> spp.	84
<i>Zeuzera pyrina</i>	79
<i>Zingiber officinale</i>	22,52