



A presentation by

NATIONAL PLANT PROTECTION ORGANIZATION (NPPO)
on

PLANT QUARANTINE SYSTEM IN INDIA

Ministry of Agriculture & farmers' Welfare, Govt. of India

Directorate of Plant Protection, Quarantine & Storage

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Plant Quarantine (Regulation of Import into India) Order, 2003

A. Ministry of Agriculture & Farmers Welfare (Department of Agriculture, Cooperation & Farmers Welfare) of Government of India issued a Gazette Notification No: **S.O. 1322 dated 18th November 2003** titled **‘The Plant Quarantine (Regulation of Import into India) Order, 2003’** under Sub-section (1), Section 3 of **‘The Destructive Insects & Pests Act, 1914’**

B. This Order came into force on the **1st day of January 2004** and has been subsequently amended time to time (www.plantquarantineindia.nic.in)



Objective of Plant Quarantine (Regulation of Import into India) Order,

- to prevent the introduction and/or spread of quarantine pests or to ensure their official control by prohibiting/restricting/regulating ;
 - import of plants/plant products both for consumption & propagation;
 - import of germplasm/GMOs/ transgenic plant material for research purpose;
 - import of deleterious weed species;
 - import of live insects/fungi & other microbial cultures/bio-control agents.
 - import of packaging materials of plant origin
 - import of soil/growing media/peat/Sphagnum-moss etc.



The Plant Quarantine Order, 2003 contains:

1. Chapter- I to VII
2. Clauses- 1 to 15
3. PQ Forms- 1 to 24 (PQ Forms 01, 02, 03, 04, 05, 10, 11 and 14 has been deleted vide Sixth Amendment of 2016, S.O. 2453(E), dated 5th July, 2016)
4. Schedule- I to XII (Notified) and (XIII under draft notification)



Chapters under PQ Order, 2003:

Number	Title
I-	Preliminary
II-	General conditions for import
III-	Special conditions of Import
IV-	Post-entry Quarantine
V-	Appeal and Revision
VI-	Power of Relaxation
VII-	Repeal and Savings



Clauses under PQ Order, 2003:

Number

Title

- 1- Short title and commencement
- 2- Definitions.
- 3- Permits for Import of plants, plant products etc.
- 4- Import of soil, growing media, etc.
- 5- Fees for inspection, fumigation, etc.
- 6- Permits required for import of Germplasm, Transgenic or Genetically Modified Organisms
- 7- Import of live insects and other arthropods/nematodes/microbial cultures including algae/bio-control agents
- 8- Permit required for import of plants and plant products
- 9- Requirement of Import of Wood and Timber
- 10- Special conditions for import of plant species
- 11- Post-entry Quarantine
- 12- Appeal
- 13- Revision
- 14- Relaxation conditions of Import Permit and Phytosanitary Certificate in certain cases
- 15- Repeals and Savings



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PQ Forms omitted vide Sixth Amendment of 2016, S.O. 2453 (E), dated 5th July, 2016 from PQ Order, 2003 are:

PQ Form	Title
01-	Application for permit to import plants/plant products for consumption or processing
02-	Application for permit to import plants/plant materials for sowing/planting/propagation
03-	Permit for Import of Plants/Plant products for Consumption/Processing
04-	Permit for Import of Plants/Plant materials for Sowing/Planting/Propagation
05-	Orange/Green Tag for perishable plants/plant materials
10-	Yellow/Green Tag or Label for germplasm, which is highly perishable
11-	Red/White Label for Transgenic lines of plants/genetically engineered microorganisms
14-	Blue/Violet Label for Live insects/mites/nematodes/microbial Cultures/bio-control agents.



The Plant Quarantine Order has 12 Schedules as under:

- Schedule I- Points of Entry for Imports of plants/plant materials and other articles
(Seaports-40; Airports- 19; Land Frontier Stations- 14)
- Schedule II- List of Inland Container Depots and Container Freight Stations for import of plants and plant products (CFSs & ICDs – 70)
- Schedule III- List of Foreign Post Offices for import of plants and plant products
(Foreign Post Offices – 11)
- Schedule IV- List of plants/planting materials and countries from where import is **prohibited along with justification (14 Nos)**. **An additional prohibition of import of wheat from Latin America and Bangladesh due to blast disease (*Magnaporthe oryzae*); 10th Amendment in Nov'16**
- Schedule V- List of plants and plant materials imports of which are restricted and permissible only by authorized institutions with additional declarations and subject to special conditions (17 Nos)
- Schedule VI- List of plants/plant materials permitted import with additional declarations and special conditions (694 Nos)



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- Schedule VII-List of plants/planting materials where imports are permissible on the basis of phytosanitary certificate issued by the exporting country, the inspection conducted by Inspection Authority and fumigation, if required, including all other general conditions (296 Nos)
- Schedule VIII- List of Quarantine Weed Species (31 Nos)
- Schedule IX- A- Inspection Fees;
B- Fumigation/disinfection/disinfestation/ supervision charges
- Schedule X- List of Permit Issuing Authorities for Import of Seeds, Plants and Plant Products and other articles
- Schedule XI- List of Inspection Authorities for Certification of Post Entry Quarantine facilities and inspection of growing plants
- Schedule XII- Quantities of seeds permitted for trial purpose/accession to gene bank of National Bureau of Plant Genetic Resources



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Pulses and grains stipulated under Schedule VI of PQ Order, 2003

Sl. No.	Commodity			
	Common name	Scientific name	Category	Country of Origin
1	Pigeon pea	<i>Cajanus cajan</i>	Grain for consumption	Australia, Mozambique , Myanmar, Nepal, China, Iran, Kenya , Pakistan, Tanzania , Malawi , Uganda and Sudan
2	Chick pea	<i>Cicer arietinum</i>	Grain for consumption	Any Country
3	Lentil	<i>Lens spp and Lens culinaris</i>	Grain for consumption	Australia, Canada, China, Iran, USA, Nepal, Tanzania Myanmar , Turkey and Chile



Pulses and grains stipulated under Schedule VI of PQ Order, 2003

4	Broad bean	<i>Vicia faba</i> (Broad bean) and <i>Vicia villosa</i>	Grain for consumption	Any Country
5	Beans	<i>Vigna</i> (<i>Phaseolus</i>) spp. and	Grain for consumption	Any Country
6	Beans	<i>Vigna</i> spp.	Grain for consumption	Any Country



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Pulses and grains stipulated under Schedule VI of PQ Order, 2003

Sl. No.	Commodity			
	Common name	Scientific name	Category	Country of Origin
7	Barley	<i>Hordeum vulgare</i>	Grain for consumption	France, Canada, Russia, Ukraine
8	Soybean	<i>Glycine</i> spp	Grain for consumption	Benin, Ethiopia, Togo, Ukraine, USA
9	Wheat	<i>Triticum</i> spp	Grain for consumption	Australia, Japan, Moldova, russian Federation, Ukraine



Pulses and grains stipulated under Schedule VI of PQ Order, 2003

Sl. No.	Commodity			
	Common name	Scientific name	Category	Country of Origin
10	Maize	<i>Zea mays</i>	Grain for consumption	Argentina, Brazil, South Africa, USA, Bangladesh, Brazil, France, Pakistan, Ukraine,
11	Oats	<i>Avena sativa</i>	Grain for consumption	Ireland, Ukraine, UK, Australia
12	Pea	<i>Pisum spp</i>	Grain for consumption	Russian federation, Ukraine, Argentina, USA and Canada



Phytosanitary requirement for import of pulses:

•Additional declarations:

Freedom from insect-pest, disease, quarantine weed seeds and soil.

•Special conditions of import:

Fumigation by Methyl bromide at 32 g/ m³ for 24 hrs at 21°C or equivalent and the treatment should be endorsed on Phytosanitary Certificate issued at the country of origin or re-export.



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Inclusion of new commodity/ new country (source) in the PQ Order, 2003; under clause 3(7):

- No import shall be permitted for the consignment other than those listed in Schedule-V, VI and VII unless the Pest Risk Analysis is carried out.
- The importer or NPPO of exporting country shall submit an application for PRA for import of agricultural commodities into India in **PQ form 23**, including the technical information in **PQ form 24** for conducting PRA to PPA or Joint Secretary (PP).
- The technical information must be updated, validated and provided by National Plant Protection Organization (NPPO) of the exporting country.
- The process of PRA involves evaluation of pest introduction, establishment and spread potential; critical assessment of economic and environmental impact of their introduction; and risk mitigating measures.
- The completion of PRA process may involve the visit of phytosanitary experts to the country of export to carry out pre-shipment inspections, evaluate post-harvest treatment technologies and quarantine inspection and certification facilities.
- In the event of interception of a quarantine pest in imported consignment, further import of consignments shall be suspended until earlier PRA in respect of the consignment is reviewed and the risk mitigating measures are evaluated.



THANK YOU FOR YOUR ATTENTION