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**Report Highlights:**

This report outlines Pakistan's import certificate requirements for food and agricultural products intended for both human and animal consumption. It also identifies the Pakistan government agencies responsible for overseeing the entry of these imported products.

*DISCLAIMER: This report was prepared by the Office of Agricultural Affairs of the USDA’s Foreign Agricultural Service in Islamabad, Pakistan for U.S. exporters of domestic food and agricultural products. While every possible care was taken in the preparation of this report, the information provided may not be completely accurate either because policies have changed since its preparation, or because clear and consistent information about these policies was not available. It is highly recommended that U.S. exporters verify the full set of import requirements with their foreign customers, who are normally best equipped to research such matters with local authorities before any goods are shipped. THIS REPORT HAS NOT BEEN OFFICIALLY ENDORSED BY THE GOVERNMENT OF PAKISTAN (GOP). IMPORT APPROVAL FOR ANY PRODUCT IS SUBJECT TO LOCAL RULES AND REGULATIONS AS INTERPRETED BY PAKISTANI BORDER OFFICIALS AT THE TIME OF ENTRY.*

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**Executive Summary:**

Pakistan remains an important market for U.S. food and agricultural products. The value of agricultural trade between the United States and Pakistan in CY 2024 totaled \$1.10 billion. U.S. agricultural exports to Pakistan reached \$895 million, driven primarily by cotton (\$755 million), consumer-oriented products (\$40 million), planting seeds (\$34 million), wood products (\$29 million), and pulses (\$9 million). Overall trade between Pakistan and the United States amounted to \$6.21 billion during the first-nine months of 2025.

This report outlines the major export certificates required for shipping U.S. food and agricultural products to Pakistan. Post advises U.S. exporters to confirm all import requirements with their Pakistani buyers before shipment. The export certificates provided in this report are unchanged from the previous year’s report (PK2024-0018).

**SECTION I. LIST OF All EXPORT CERTIFICATE REQUIRED BY THE PAKISTANI GOVERNMENT:**

Products	Title of Certificate	Attestation Required on Certificate	Purpose	Requesting Ministry
Plants and Plant Products	Phytosanitary Health Certificate	Both special conditions and additional declarations per the specific conditions mentioned in the import permit.	To prevent the introduction of exotic pests, diseases, and items hazardous for human consumption.	Ministry of National Food Security and Research (MNFS&R)
Animals and Animal Products	Sanitary Health Certificate	Additional declarations per the specific conditions mentioned in the import permit.	To prevent the introduction of exotic pests and diseases and minimize human health risks due to microbial or chemical contamination.	MNFS&R

For conditions imposed on the specific plant-based products, please refer to the MNFS&R [Department of Plant Protection's Pakistan Plant Quarantine Rules 2019](#).

Pakistan has recently established the National Agri-Trade and Food Safety Authority (NAFSA), merging the Department of Plant Protection (DPP) and the Animal Quarantine Department (AQD), in part to bring Pakistan's agricultural trade framework in line with international standards. This body will also be incorporating relevant food safety authorities. The transition process has already started. Once the transition is complete, the authority will be the new national quarantine agency.

**Import Procedure for Plant Material and Food Products includes:**

**Documentary Check:**

Documents such as import permits, certificate of origin, phytosanitary certificate, treatment certificate, bill of lading, invoice, letter of credit, anchorage permit, etc., are checked for genuineness and proper entries.

**Identity Check:**

The material is checked to confirm it is the same as stated in the invoice, import permit, phytosanitary certificate, bill of lading, and the other accompanying documents.

**Phytosanitary Check:**

Freedom from quarantine pests and application of suitable treatment if necessary is ascertained. The assessment of compliance by the local importer is also made.

**Inspection:**

Inspections are done in warehouses, dry ports, and entry points. The ship holds containers, baggage, and packets in the mail are also inspected. The plant and plant products in imports or transit are inspected.

**Inspection Based Actions:**

For import consignments, a release order is issued if the material is free of quarantine pests and or suitably treated. The import consignments refused entry may be sent back or destroyed. Some material may be released after segregation.

**Customs Clearance:**

This follows inspection and issuance of a release order or phytosanitary certificate (PC) from the plant quarantine service.

**Pest Surveillance and Risk Analysis:**

A small unit for pest surveillance and risk analysis has been set up in the quarantine service at Karachi. The guidelines as contained in ISPM No.2 and 6 of the FAO are followed.

**Seeds:**

For seeds, the procedure depends on whether the import is of an approved variety or a new variety. Seeds of approved varieties are subject to seed purity and germination tests. For new varieties, additional requirements, including two years of adaptability trials, are needed before approval can be granted for bulk import.

- The electronic copy of each export certificate for plant material and food products is attached in Appendix I.
- Pakistan's phytosanitary requirements for specific products are outlined in Appendix III.

**Livestock and Animal Products:**

For conditions imposed on specific animal products, please refer to the Ministry of National Food Security and Research, Animal Quarantine Department's Animal Quarantine Act 1979, and Animal Quarantine Rules 1980 (Regulation of imports into Pakistan). The statutory authority and related regulations governing the transportation of animals and animal products for import and export and regulation designed to prevent the introduction and dissemination of exotic diseases and issuance of health certificates are the responsibilities of the federal government (MNFSR).

**Import procedures for livestock products include the following:****Live Animals and Livestock Products:**

In 2015, the Government of Pakistan allowed the import of live cattle from the United States after harmonizing the health certificate between the two countries. The import of U.S. live cattle to Pakistan had been suspended in 2003 due to Bovine Spongiform Encephalopathy (BSE) concerns.

**Beef:**

Pakistan continues to ban imports of all beef and beef products from the United States. However, during the April 2024 TIFA Council meeting, Pakistan and the United States reached an agreement in principle on an export certificate that would re-open the market for U.S. beef. To date, however, the agreement is still non-operational due to pending clarifications on Pakistan's labelling requirements.

- The electronic copy of each export certificate for animal and animal products is attached in Appendix II.

**Special Certificates:**

All plants and plant products, except fruit and vegetables, require a phytosanitary certificate issued by the approved authority in the country of origin.

Livestock must be accompanied by a sanitary certificate issued by the approved authority in the country of origin.

For animal products and products containing animal ingredients, the exporter also must certify that the product is "Halal."

Exporters should verify with their importers that all required certificates for customs and quarantine clearance have been obtained prior to shipment.

A special certificate of alcoholic strength may be required for some beverage imports.

A supplier's certificate on quality and price are required for certain items.

**Purpose of Specific Export Certificate(s):**

Imports of plants and plant products must receive an import permit issued by the MNFSR, as per the conditions of the Plant Quarantine Rules 2019. An importer must apply for an import permit and submit it to the exporter, who in turn acquires the required phytosanitary certificate from the relevant exporting country authority. The relevant authority in the country of export issues the phytosanitary certificate based on the specific conditions stated in the import permit.

Customs and Plant Protection and Quarantine (PPQ) officials inspect imported products to ensure they conform to labeling and other import requirements. Imports of live animals or plants require necessary certification from the country of origin. After Customs and PPQ issue their respective clearance reports, the goods are released upon payment of import duty.

English is the official language. All agencies will accept documents in English and will respond in English. Thus, there is no need to translate documents to Urdu or other local languages to expedite procedures. Goods generally can be cleared through Customs in less than a week, if all papers are in order. The system allows for appeal (at multiple levels) in case of a dispute.

Pakistan regulations require importers to acquire a compulsory letter of credit or to register a contract with a bank in order to import goods into Pakistan. Pakistan uses the Harmonized System to classify and describe goods. Customs duties are levied on an ad valorem basis.

## **SECTION II. SPECIFIC ATTESTATIONS REQUIRED ON EXPORT CERTIFICATES:**

The attestations for both above-mentioned export certificates must meet all the specific conditions, which vary from commodity to commodity and can also change over time.

## **SECTION III. GOVERNMENT CERTIFICATES LEGAL ENTRY REQUIREMENTS:**

Original export certificates must accompany each individual export consignment at the time of entry into Pakistan. The government of Pakistan (GOP) does not accept export self-declarations by suppliers or manufacturers as proof of compliance. However, in certain cases, the GOP may allow export certificates containing additional declarations on the import permit by organizations accredited by the government of the exporting country.

## **SECTION IV. OTHER CERTIFICATION/ACCREDITATION REQUIREMENTS:**

A certificate of origin issued by the relevant authority of the exporting country's government, provincial government, industry association, or manufacturer/supplier should accompany the export consignment of all food and agricultural products, including processed and packaged food. This certificate should mention the order number, container number, port of discharge, buyer's name, and product description, in addition to a declaration along the following lines:

The undersigned for (relevant organization) declare that the following mentioned goods as consigned above (or below) are products from the United States (or any country of origin). We hereby certify the goods to be of U.S. (or any country) origin.

In addition to the above, Halal certification is required for all imported consumer-packaged food and beverages. An accreditation authority of the country that validates the Halal Certificate or Halal Certificate issuing authority needs to be a member of either the Standard Metrology Institute for Islamic Countries (SMIIC) or the International Halal Accreditation Forum (IHAF). The logo of Halal certification body shall be printed on the consumer packaging.

The Pakistan government does not require attestation of radioactivity for imports.

APPENDIX I. ELECTRONIC COPY OR OUTLINE OF EACH EXPORT CERTIFICATE:

No import Permit can be issued until an application is completed

**DPPQ Form-3**  
**[see rule 9(1)]**

**APPLICATION FOR PERMIT TO IMPORT PLANT OR PLANT PRODUCTS OR REGULATED GOODS OR ARTICLE FOR SOWING OR PLANTING OR PROPAGATION**

To The Plant Protection Adviser and Director General, Department of Plant Protection, Jinnah Avenue, Malir Halt, Karachi		For DPP Plant Quarantine Office use Diary No. _____ Date of receipt of Application _____	
I/We hereby make an application, in accordance with provisions of rule 9(1) of the Pakistan Plant Quarantine Rules, 2019 made under the sub-section (1) (2) and (3) of section 3 and section 5 and 10 of the Pakistan Plant Quarantine Act 1976 for permission to import the following plant or plant products or regulated goods or article for sowing or planting or propagation:			
1. Name, address and contact information of importer (consignee)  Tel No. _____ Cell No: _____ Fax No: _____ Email: _____		2. Name, address and contact information of exporter (consignor)	
3. Country of origin or re-export including locality (Province / State/ Territory)		4. Foreign port of shipment	
5. Point or port of entry desired in Pakistan (specify name)		6. Means of conveyance. <input type="checkbox"/> Mail or Express carrier <input type="checkbox"/> Cargo shipment <input type="checkbox"/> Personal baggage or car	
7. Description of plant or plant products or regulated goods or article			
(Common and scientific name)		Variety	No. of Packages
8. Plant and Plant Parts to be imported (seeds, cuttings, rhizomes, plants, bulbs, fruits etc.)		9 Mode of Packing	
10. Whether plant and plant material genetically modified or not? Yes <input type="checkbox"/> No <input type="checkbox"/> If Plant and plant material is genetically modified. Please attach valid license from Pakistan Environmental Protection Agency.			
11. Whether plant and plant material is registered in Federal Seed Register or approved by FSC&RD for sowing, planting or propagation. Yes <input type="checkbox"/> No <input type="checkbox"/>			
12. Intended use of plant or plant products or regulated goods or article			
13. Particulars of supporting documents attached			
14. <b>Declaration:</b> I / we hereby declare that the information furnished above is correct and complete in all respects. I / we undertake to pay the prescribed fees towards inspection and testing. I / we also undertake to pay for treatment if appropriate available and prescribed by the Department after assessment of biosecurity risks. I / we agree to observe the conditions specified on a permit by Department. I / we further undertake that in case information is found false and forged, criminal proceedings under PPC and Cr. PC shall lie against me / us in the court of jurisdiction besides revocation of import permit. By completing this section, I / we am affirming my / our request for authorization to import plant or plant products or regulated goods or article as stated in this application and will be responsible for the authorized material.			
15. Signature of applicant/ importer / or his authorized agent		16. Stamp or seal of applicant / importer or his authorized agent	17. Date





DPPQ-FORM-5  
[see rule 9(3), 96(11), 98(9), 101]

GOVERNMENT OF PAKISTAN  
MINISTRY OF NATIONAL FOOD SECURITY & RESEARCH  
DEPARTMENT OF PLANT PROTECTION  
(PLANT QUARANTINE DIVISION)  
\*\*\*\*\*

PERMIT FOR IMPORT OF PLANT OR PLANT PRODUCTS OR REGULATED GOODS OR ARTICLE FOR  
SOWING OR PLANTING OR PROPAGATION

Permit No. \_\_\_\_\_

Book No. \_\_\_\_\_, Serial No. \_\_\_\_\_, Validity Period: \_\_\_\_\_ to \_\_\_\_\_

In exercise of the powers conferred under rule 9 (3),96(11), 98(9), 101 of the Pakistan Plant Quarantine Rules 2019 issued under sub-section (1) (2) and (3) of section 3 and section 5 and section 10 of the Pakistan Plant Quarantine Act 1976, I hereby grant permission to import the following plant or plant products or regulated goods or article for sowing or planting or propagation as detailed below:

1. Name and address of importer (consignee)		2. Name and address of exporter (consignor)	
3. Country of origin or re-export including location (Province / State/ Territory)			
4. Point of entry or port in Pakistan		5. Port of foreign shipment	
6. Means of importation		7. No. of shipments	
8. Description of plant or plant products or regulated goods or article			
(Common & Scientific Name)		Variety	Quantity, Wt./ No.
			No. of packages
9. Plant or plant parts to be imported. (seeds, cuttings, rhizomes, plants, bulbs, fruits, etc.)		10. Intended use of plant or plant products or regulated goods or article	
11. The importation and biosecurity clearance or plant protection release order of the consignment shall be subject to the fulfillment of phytosanitary requirements of this import pathway in Pakistan specified by the Department on the import permit or attached to this import permit. (See prescribed conditions on reverse side or as an attachment to it). NPPO of exporting country must consider import permit and its attachment for compliance of phytosanitary requirements specified by the Department and don't issue phytosanitary certificate without import permit of the Department in order to avoid any phytosanitary action.			
12. Name and designation of authorized officer		13. Signature of authorized officer	
14. Place of issue		15. Stamp or seal of authorized officer	
16. Date issued			



**GOVERNMENT OF PAKISTAN**  
**MINISTRY OF NATIONAL FOOD SECURITY & RESEARCH**  
**DEPARTMENT OF PLANT PROTECTION**  
**(PLANT QUARANTINE DIVISION)**  
 .....

**BIOSECURITY CLEARANCE ORDER OR PLANT PROTECTION RELEASE ORDER**

BC/ RO. No. \_\_\_\_\_

Date of issue. \_\_\_\_\_

Book No. **00254**Serial No. **025358**

Place of Issue. \_\_\_\_\_

In exercise of powers conferred under rule 49(2), 50(3), 54, 96(3)(9)(11), 101 of the Pakistan Plant Quarantine Rules 2019, issued under sub-section (1) (2) and (3) of section 3 and section 5 and 10 of the Pakistan Plant Quarantine Act 1976, the following consignment of plant or plant products or regulated goods or article referred to this station has been inspected/tested/fumigated or treated and the same has been accorded biosecurity clearance or plant protection release order or provisional quarantine clearance\* for growing in an approved post entry quarantine facility, as detailed below:

1. Name and address of importer / consignee		2. Name and address of exporter / consignor	
3. Description of plant or plant products or regulated goods or articles			
Common and scientific name		Quantity (Wt. / No.)	No. of packages
4. Name of vessel or voy / flight or vehicle		5. Name of shipping company or airline or transport	
6. Container No's (FCL / LCL) / hatch No's			
7. Foreign port of shipment		8. Point or port of arrival in Pakistan	
9. Distinguishing marks if any		10. Country of origin or re-export	
11. Date of arrival of shipment		12. Bill of entry No. / shipping or airway bill No. / bill of lading No.	
13. Date of inspection	14. Date of sampling	15. Date of laboratory report if applicable	16. Date of treatment
17. Signature and stamp of authorized officer		18. Name and designation of authorized officer	
19. Copy to Collector / Deputy Collector / Assistant Collector of Customs for information and necessary action:			
_____			
(Designation and address of model custom collectorate)			
20. Copy to importer of plant or plant products or regulated goods or articles for information and necessary action:			
_____			
Name and address of importer / authorized agent			



GOVERNMENT OF PAKISTAN  
 MINISTRY OF NATIONAL FOOD SECURITY AND RESEARCH  
 DEPARTMENT OF PLANT PROTECTION

Jinnah Avenue, Malir Halt, Karachi 75100, Pakistan  
 Ph: +92-21-99248612-15 Fax: +92-21-99248673  
 Email: [quarantine@plantprotection.gov.pk](mailto:quarantine@plantprotection.gov.pk)  
 (Website: [www.plantprotection.gov.pk](http://www.plantprotection.gov.pk))

DPPQ-Form-28

[see rule 64(3),96(11),98(9),101]

PHYTOSANITARY CERTIFICATE FOR EXPORT

Original

Serial No. **A660642**

Book No. **A06607**

FROM: DEPARTMENT OF PLANT PROTECTION OF PAKISTAN

TO: PLANT PROTECTION ORGANIZATION OF IMPORTING COUNTRY

**DESCRIPTION OF THE CONSIGNMENT**

1. NAME AND ADDRESS OF EXPORTER	2. DECLARED NAME AND ADDRESS OF CONSIGNEE
3. NAME OF PRODUCE AND QUANTITY DECLARED	4. BOTANICAL NAME OF PLANT
5. NUMBER AND DESCRIPTION OF PACKAGES	6. DISTINGUISHED MARKS / CONTAINER NO. / SEAT NO.
7. DECLARED MEANS OF CONVEYANCE	8. PLACE OF ORIGIN

9. DECLARED POINT OF ENTRY

**CERTIFICATION**

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

**ADDITIONAL DECLARATION**

**DISINFESTATION AND / OR DISINFECTION TREATMENT**

10. DATE	11. TREATMENT
12. CHEMICAL (ACTIVE INGREDIENT)	13. DURATION AND TEMPERATURE
14. CONCENTRATION	15. ADDITIONAL INFORMATION
16. PLACE OF ISSUE	17. NAME OF AUTHORIZED OFFICER
18. STAMP OF ORGANIZATION	19. SIGNATURE OF AUTHORIZED OFFICER

Entomologist  
 Department of Plant Protection  
 Government of Pakistan  
 Seaport, Karachi.

20. DATE ISSUED

No financial liability with respect to this certificate shall attach to Department of Plant Protection, Pakistan or to any of the officers or representative

**APPENDIX II: ELECTRONIC COPY OR OUTLINE OF EACH EXPORT CERTIFICATE FOR ANIMAL AND ANIMAL PRODUCTS:**

Veterinary Health Certificate for Export of Cattle from the United States of America to Pakistan		
Veterinary Authority UNITED STATES DEPARTMENT OF AGRICULTURE	Date Of Issue	
<b>CERTIFICATION</b>		
1. Consignor:	2. Consignee:	
3. Country Of Origin: USA	4. State Of Origin:	
5. Country Of Destination: Pakistan	6. Zone Of Destination: *****	
7. Place Of Origin:	8. Port Of Embarkation / Border Crossing:	
9. Estimated Date Of Shipment:	10. Means Of Transport:	
11. ***** *****	12. CITES Permit Number: *****	
13. Description Of Commodity: Cattle	14. Date Of Inspection:	
15. Total Quantity:	16. Additional Information: *****	
17. Total Number Of Packages/Containers:		
18. Identification / Seal Numbers:		
19. Commodities Intended Use: *****	20. Type Of Admission: Permanent Import	
21. Identification Of Commodities:  (See attached Identification Of Commodities) ***** ***** *****		

**Veterinary Health Certificate for Export of  
Cattle from the United States of America to Pakistan**



**Veterinary Authority**  
UNITED STATES DEPARTMENT OF AGRICULTURE

Date Of Issue

Certificate Number

**Identification Of Commodities: Continued**

Row	Breed	Age (months)	Left Ear ID	Right Ear ID	Sex	Additional Description
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

**Veterinary Health Certificate for Export of  
Cattle from the United States of America to Pakistan**



<b>Veterinary Authority</b> UNITED STATES DEPARTMENT OF AGRICULTURE	<b>Date Of Issue</b>	<b>Certificate Number</b>
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**Certification Statements:**

1. The United States is free from the following diseases of cattle:  
Foot and mouth disease Rinderpest  
Contagious bovine pleuropneumonia East Coast fever  
Bluetongue serovar 8
  2. The United States is recognized by the World Organization for Animal Health (OIE) as a country with negligible bovine spongiform encephalitis (BSE) risk.  
(a) The herd of origin has no reported BSE cases for the last 11 years.  
(b) The cattle selected for export were born after the date from which the ban on feeding of ruminants with meat-and-bone meal and greaves derived from ruminants was effectively enforced.
  3. The cattle originate from a State or herd that is considered to be officially free from bovine tuberculosis and Brucella abortus.
  4. The cattle were kept in an USDA approved quarantine facility for at least 4 days prior to export.
  5. There have been no reported cases of clinical blue tongue disease in cattle from the herd of origin for the last 3 years.
  6. The cattle for export were tested for Johne's disease in a laboratory acceptable to USDA, within 14 days before export using the ELISA with negative results.
  7. The animals have been vaccinated against enterotoxaemia (manufacture, name, expiration) within 30 days before export.
- 
8. The properties of origin of the cattle are not under restriction by USDA or State governments due to any officially controlled infectious or contagious diseases of cattle.
  9. The animals were examined by an USDA accredited veterinarian within 72 hours before export and showed no clinical signs of bovine leucosis, heartwater, leptospirosis, bovine malignant catarrh, paratuberculosis, rabies, Rift Valley fever, bovine viral diarrhea and infectious bovine rhinotracheitis.

<b>Name of Accredited Veterinarian</b>	<b>Name of USDA Veterinarian</b>
<b>Signature of Accredited Veterinarian</b>	<b>Signature of USDA Veterinarian</b>
<b>Date</b>	<b>Date</b>

**U.S. ORIGIN HEALTH CERTIFICATE FOR THE  
EXPORTATION OF BOVINE SEMEN TO PAKISTAN**

II. Name and Address of Artificial Insemination Center:

Name of Consignor:  
Address of Consignor:

III. Destination of the Semen:

Name of Consignee:  
Address of Consignee:

I. Donor Animal and Semen Identification:

Donor Bull Registration Name	Breed	Registration Number	Number of Units	Date of Collection	Collection Code

*Note: Additional rows or chart may be added as needed.*

IV. Health Data:

A. Certification Statements:

1. The United States is free of contagious bovine pleuropneumonia, heartwater, foot-and-mouth-disease, rinderpest, Rift Valley fever, akabane, and lumpy skin disease.
2. The United States has in place a ban on the feeding of ruminant origin meat-and-bone meal and greaves to ruminants and the ban is effectively enforced.
3. At the time of semen collection, each donor bull was free from clinical evidence of infectious diseases including malignant catarrhal fever, tuberculosis, brucellosis, bovine genital campylobacteriosis, bovine genital trichomoniasis, leptospirosis, and bovine virus diarrhea.
4. The artificial insemination (AI) center from which the semen originated has been clinically free of the above mentioned diseases during the 30 days prior to semen collection and is not under any State or federal quarantine for any bovine diseases.
5. Each donor animal was, at the time of semen collection, part of the resident herd at a semen collection center which complies with "Certified Semen Services (CSS) Minimum Requirements for Disease Control of Semen Produced for Artificial Insemination" or the OIE code for bovine semen production.
6. Each donor animal was tested and examined prior to entry, during isolation before entering the resident herd, and before semen release and every 6 months while in the resident herd for tuberculosis, brucellosis, bovine genital campylobacteriosis, bovine genital trichomoniasis, and leptospirosis in accordance with the CSS Minimum Requirements and found free from these diseases.

7. Each donor was tested and examined prior to entry, during isolation before entering the resident herd, and before semen release for bovine viral diarrhea virus in accordance with the CSS Minimum Requirements and found free from this disease.
8. For heterospermic products, each donor animal has met the health conditions outlined in Certification Statements 2-6 and has met the testing conditions specified.
9. The collection, handling, and processing of semen was done in accordance with CSS Minimum Requirements or OIE Code/recommendations. The semen straws were identified and labeled according to approved codes of the United States that indicates the date of collection.
10. The donor bulls were negative to tests for the following diseases within the 6 months prior to or 6 months after semen collection for export: brucellosis, tuberculosis, leptospirosis (*L. canicola*, *L. grippityphosa*, *L. hardjo*, *L. pomona*, and *L. icterohaemorrhagiae*) bovine genital campylobacteriosis, and bovine genital trichomoniasis.
11. In lieu of testing for leptospirosis, donor bulls were treated with an effective antibiotic within 14 days prior to collection of semen for export or treatment of semen with antibiotic cocktail with known efficacy against Leptospire: 50 mcg tylosin, 250 mcg gentamycin, 150 Lincomycin, and 300 mcg Spectinomycin per ml of frozen semen.
12. The following antibiotics have been added to the semen and the extender during processing:

		Neat Semen	Final Concentration for a 2- Step Extender (a)	Final Concentration for a 1-Step Extender (b)
1.	Gentamicin	500 mcg per ml	250 mcg per ml	500 mcg per ml
2.	Tylosin	100 mcg per ml	50 mcg per ml	100 mcg per ml
3.	Lincomycin	300 mcg per ml	150 mcg per ml	300 mcg per ml
4.	Spectinomycin	600 mcg per ml	300 mcg per ml	600 mcg per ml

(a) composed of non-glycerol and glycerol containing fractions for processing

(b) Non-fractionated regarding glycerol content during processing

#### V. Test Requirements

The donor bulls were negative to the following tests within 6 months prior to or 6 months after the collection of the semen for export, the testing option used will be indicated in the testing chart:

<u>Disease</u>	<u>Test</u>
1. Brucellosis:	Complement fixation (CF), buffered Brucella antigen test, SPT/STT OR other official USDA APHIS approved test
2. Tuberculosis:	Negative to an official USDA prescribed test
3. Bovine Campylobacteriosis:	Culture of preputial material OR

Polymerase chain reaction (PCR) of preputial material OR

Screen preputial material using Florescent Antibody (FA). Any positive FA must be followed by a culture of preputial material, for final determination.

4. Bovine venereal Trichomoniasis: Microscopic exam of cultured preputial material OR  
PCR of preputial material
5. Leptospirosis: Microtiter agglutination test with negative results at the 1:400 dilution for serotypes *L pomona*, *L hardjo*, *L canicola*, *L grippityphosa*, and *L icterohaemorrhagiae*
6. Enzootic Bovine Leukosis: ELISA OR AGID of the donor bull within 6 months prior to OR 6 months after the semen collection; OR  
PCR of an aliquot of the semen being exported.
7. Bluetongue Virus:
  - (a) The semen was collected in a USDA designated bluetongue low incidence State and the donor was resident for at least 60 days prior to, and during semen collection. These States are: Alaska, Connecticut, Delaware, Hawaii, Indiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, New Hampshire, New Jersey, New York, North Dakota, Ohio, Pennsylvania, Rhode Island, Vermont, Washington (western part), West Virginia, and Wisconsin. OR
  - (b) Serum samples were collected from each donor and tested for bluetongue antibodies using an ELISA test, with negative results in each case; and the serum samples were collected: at least 14 days before the first semen collection, at least 21 days after final semen collection, and not more than 6 months apart. OR
  - (c) Blood samples from the donor animals were subjected to a virus isolation test or nucleic acid detection test (polymerase chain reaction technology [PCR]) for bluetongue virus with negative results. The blood samples were collected: at the commencement of semen collection; at the conclusion of semen collection; and either  
- at least every 7 days during semen collection (for a virus isolation test) or  
- every 28 days during semen collection (for a PCR). OR
  - (d) PCR testing of each collection code of semen to be exported

FEDERAL ENDORSEMENT

\_\_\_\_\_  
Type or Print - Name and Address  
of Issuing Accredited Veterinarian

\_\_\_\_\_  
Type or Print - Name of Endorsing  
Federal Veterinarian

\_\_\_\_\_  
Date issued and signature of Accredited Veterinarian

\_\_\_\_\_  
Date Endorsed and Signature  
Endorsing Federal Veterinarian (Valid only if USDA Seal  
appears over signature).

Health Certificate No. \_\_\_\_\_  
 (Valid only if the USDA Veterinary  
 Seal appears over the Certificate No.)

NOTE: Please enter date and type of the last resident herd test done for those tests listed in the chart.

Donor Bull Identification	Semen Collection Date (Collection Code)	Brucellosis Test & Sample Date	Tuberculosis Test & Sample Date	Campylobacteriosis Test & Sample Date	Trichomoniasis Test & Sample Date	Leptospirosis Test & Sample Date	EBL Test & Sample Date	Bluetongue Test & Sample Date

*Additional rows may be added as needed.*

Veterinary Certificate No. \_\_\_\_\_  
(Valid only if the USDA Veterinary Seal  
appears over the Certificate No.)

## VETERINARY HEALTH CERTIFICATE TO EXPORT BOVINE EMBRYOS FROM THE UNITED STATES OF AMERICA TO PAKISTAN

Ministry: United States Department of Agriculture (USDA)  
Agency: Animal and Plant Health Inspection Service (APHIS)

### 1. IDENTIFYING INFORMATION:

1.1. Name and address of consignor: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

1.2. Name and address of consignee: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### 1.3. Identification of embryos:

1.3.1. Total number of straws in consignment: \_\_\_\_\_

1.3.2. USDA seal number(s) on the shipping tank(s): \_\_\_\_\_

Cane Identification	Straw Identification	Donor Identification	Sire Identification	Number of Straws

*Note: Additional rows or chart may be added as needed.*

### 2. ANIMAL HEALTH INFORMATION:

I, the undersigned USDA Accredited Veterinarian, certify that:

- 2.1. The U.S. is free of: foot-and-mouth disease, contagious bovine pleuropneumonia, rinderpest, heartwater, lumpy skin disease, and rift valley fever.
- 2.2. The United States has in place a ban on the feeding of ruminant origin meat-and-bone meal and greaves to ruminants and the ban is effectively enforced.
- 2.3. The semen used to produce the embryos met the disease control requirements of the importing country for bovine semen OR met the Certified Semen Services Minimum Requirements for Disease Control of Semen Produced for Artificial Insemination.
- 2.4. The embryos to be exported were collected, processed and stored in conformance with the International Embryo Transfer Society whose standards (recognized by the OIE) prevent microbial contamination and the transmission of malignant catarrhal fever, blue tongue, bovine spongiform encephalopathy, bovine brucellosis, enzootic bovine leucosis, foot and mouth disease and infectious bovine rhinotracheitis.

2.4. The embryo donors:

- 2.4.1. were continuously resident on the premises of origin for at least 60 days prior to embryo collection,
- 2.4.2. had no contact with animals from outside the U.S. for the last 6 months,
- 2.4.3. were kept under supervision of a USDA accredited veterinarian for at least 60 days before collecting the embryos and for at least 30 days after collecting the embryos, were subject to regular clinical examinations and were found to be free from clinical signs of contagious disease,
- 2.4.4. were inspected on the day of collection and found to be healthy and free of clinical signs of infectious disease,
- 2.4.5. were tested, with negative results, for:

2.4.5.1. persistent bovine viral diarrhea (indicate date of test below). The embryo donor need not be tested for bovine viral diarrhea in any particular temporal relationship to embryo collection, one negative test before the embryos are exported is sufficient.

2.4.5.2.<sup>1</sup> bovine tuberculosis (indicate date of test below)

OR the embryo donors have always resided in states or herds that are officially free of bovine tuberculosis as defined by the Uniform Methods and Rules for Bovine Tuberculosis Eradication in the US.

2.4.6. <sup>1</sup> If the embryo donors are bred by natural service, the donors are to be tested for bovine genital campylobacteriosis, chlamydiosis and bovine genital trichomoniasis using a laboratory acceptable to the USDA \_\_\_\_\_ (indicated testing dates); OR the donor has not been used for nature mating within the previous 6 months.

2.5. The premises of origin of the donor animal:

- 2.5.1. have had no clinical evidence of bovine genital campylobacteriosis, bovine tuberculosis, bovine viral diarrhea, leptospirosis, paratuberculosis (Johne's disease), trichomoniasis or vesicular stomatitis for the 12 months prior to embryo collection,
- 2.5.2. have had no clinical evidence of anthrax for the last 20 days,
- 2.5.3. are not under official quarantine for the control of contagious animal diseases.

<sup>1</sup> Strikeout or remove the section that does not pertain to the shipment/donors.

Veterinary Certificate No. \_\_\_\_\_  
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appears over the Certificate No.)

**3. STORING AND SHIPPING:**

- 3.1. Media, solutions and biological products used for collecting, processing, washing or storage of embryos should be free of pathogenic microorganisms.
- 3.2. The embryos were placed in straws which were identified in accordance with the procedures of the Manual of the International Embryo Transfer Society.
- 3.3. The shipping container is either new or has been cleaned and disinfected in a manner acceptable to USDA.
- 3.4. An official USDA seal has been placed on the shipping container.

\_\_\_\_\_  
Name of Issuing Accredited Veterinarian

\_\_\_\_\_  
Name of Endorsing Federal Veterinarian

\_\_\_\_\_  
Signature of Issuing Accredited Veterinarian

\_\_\_\_\_  
Signature and Stamp of Endorsing Federal  
Veterinarian

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

APPENDIX III: PAKISTAN'S PHYTOSANITARY REQUIREMENTS TO IMPORT SPECIFIC PRODUCTS:

**SCHEDULE-III**

[see rule 8(2)(b), 9(1)(2), 11(1), and 12]

**Phytosanitary Import Conditions for Importation of approved Plant and Plant Products from approved country into Pakistan**

S.No.	Name of Article	Category	Phytosanitary Import Conditions
1	Alfalfa	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
2	Allium Spp.	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
3	Bamboo	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
4	Barley	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
5	Beans	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
6	Beet	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
7	Brassica Spp.	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product</li> </ul>

			<p>is for sowing or planting.</p> <ul style="list-style-type: none"> <li>○ Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
8	Broad Bean	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>○ Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
9	Broom Stick Ekela	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
10	Cane And Rattan Articles	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>○ Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
11	Chick Peas	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>○ Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
12	Cocos	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
13	Coco Peat	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
14	Coconut	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>○ Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
15	Coffee	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>○ Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
16	Corn	Plant and Plant products	<ul style="list-style-type: none"> <li>○ Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>○ Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>

17	Cotton And Cotton Products	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
18	Cucurbits	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
19	Date Palm	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
20	Dried Herbs	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
21	Dried Vegetables	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
22	Flower Bulbs	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
23	Fresh Fruits	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
24	Fresh Herbs	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
25	Fresh Vegetables	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
26	Grasses	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
27	Lady Finger	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>



			<ul style="list-style-type: none"> <li>o against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
37	Raisins	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
38	Raw Jute, Jute Waste And Jute Bales	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
39	Raw Nut	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
40	Raw Seed	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis.</li> </ul>
41	Rice	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
42	Sesame Seeds	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
43	Solanaceous Produce	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
44	Sorghum	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
45	Soyabean	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
46	Sunflower	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>

47	Tamarind	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
48	Tobacco	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>
49	Wheat	Plant and Plant products	<ul style="list-style-type: none"> <li>o Prescribed by the Department on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on screening analysis in post entry quarantine facility or pest risk analysis if importation of plant and plant product is for sowing or planting.</li> <li>o Prescribed by the Department including onshore phytosanitary treatment on the permit for appropriate level of protection (ALOP) against invasive biosecurity risks based on pest risk analysis if importation of plant and plant products is for all end uses other than for sowing or planting.</li> </ul>

#### Note:

1. Approved plant or plant products or regulated goods or articles for consumption and processing means plant or plant products or regulated goods or articles which have undergone pest risk analysis procedure by the Department before importation into Pakistan;
2. Approved plant or plant products or regulated goods or articles for sowing means plant or plant products or regulated goods or articles which have undergone screening in post entry quarantine facility by the Department or its approved arrangement facility under its supervision and subsequently after biosecurity clearance by the Department, they are approved by the FSCRD and registered in Federal Seed Register before importation into Pakistan;
3. Approved plant or plant products or regulated goods or articles for sowing, consumption and processing means plant or plant products or regulated goods or article which have already allowed by the Department for import before promulgation of these rules from a particular country after prescribing appropriate phytosanitary requirements without undergoing pest risk analysis or post entry quarantine screening.
4. Approved country means a country from which importation of approved plant or plant products or regulated goods or articles is permitted by the Department after due official procedure.
5. On detection of biosecurity risks, the importation of approved plant or plant products or regulated goods or articles may be suspended by placing them in unapproved list till corrective measures taken by the NPPO, of exporting country and finalization of pest risk analysis under guidelines of convention.

## SCHEDULE –IV

(see rule44(2)(a), and95)

1. List of Plants or plant products, where imports are permissible without import permit of the Department but subject to offshore phytosanitary treatment prescribed by the Department and accompanying of phytosanitary certificate issued by National Plant Protection Organization of the exporting country.
2. The phytosanitary import conditions for these import pathway is available in the Department or on website and should be observed prior to import.

Sr.No.	Plant or plant products or regulated goods or article	Sr. No.	Plant or plant products or regulated goods or article
	<b>A. Spices and Condiments</b>	21	Howbar
1.	Black pepper ( <i>Piper nigrum</i> )	22	Isbghol
2.	Caraway ( <i>Carum caraway</i> )	23	Kachura
3.	Chinese cassia ( <i>Cassia cinnamonum</i> )	24	Liquorice
4.	Cloves	25	Neem
5.	Cumin ( <i>Cuminum cyminum</i> )	26	Nutmeg & Mace ( <i>Myristica arvensis</i> )
6.	Fenugreek ( <i>Trigonella Foenum- græcum</i> )	27	Paneer dodi
7.	Fennel	28	Pacific yew
8.	Large cardamom ( <i>Amomum subulatum</i> )	29	Rosemary
9.	Laurel	30	Soap nut
10.	Long Pepper ( <i>Piper longum</i> )	31	Thyme
11.	Oreganum		<b>C. Narcotics &amp; Beverages</b>
12.	Spearmint	32	Tea Seed Powder
13.	Small cardamom ( <i>Elletaria cardamomum</i> )	33	Roasted Coffee beans
14.	Staraniseed	34	Cocoa powder
15.	Turmeric		<b>D. Miscellaneous Plant Products</b>
	<b>B. Medicinal Dried Herbs for Human Consumption</b>	35	Hop pellets
16.	Black cumin	36	Products processed as provided in Annexure-1 of ISPM-32 of Convention
17.	Banaba	37	Sago
18.	Cubeba ( <i>Piper cubeba</i> )	38	Spanish moss
19.	Gall nuts	39	Powder Herbs
20.	Guggul		

**Attachments:**

No Attachments