



PRESENT STATUS, ISSUES AND CHALLENGES OF PLANT QUARANTINE IN NEPAL

Presenter : Mahesh Chandra Acharya

Authors: Mr. Mahesh Chandra Acharya, Dr. Ratna Kumar Jha, Prakash Poudel, Madhav Bhatta, Kiran Ghimire, Shrinu Kumari Jha, Sahadev Prasad Humagain

Presented in National Plant Protection Workshop - 2022 “Protecting Plants, Protecting Life” jointly organized by Plant Quarantine and Pesticide Management Centre and Plant Protection Society Nepal on May 31-Jun 01, 2022 at Entrance Café, Chakupat, Lalitpur



Coverage

- Brief about Plant Quarantine
- Current Status and ongoing activities
- Gaps identified and resolutions to address
- Issues and Challenges
- Way forward





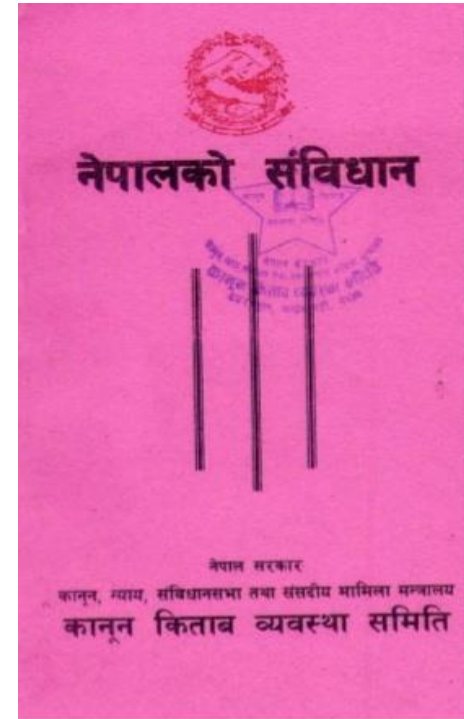
PLANT QUARANTINE



- Legal method of plant protection
- A non-tariff barrier to international trade
- Functions as National Biosecurity Guard
- A Federal Function in Nepal

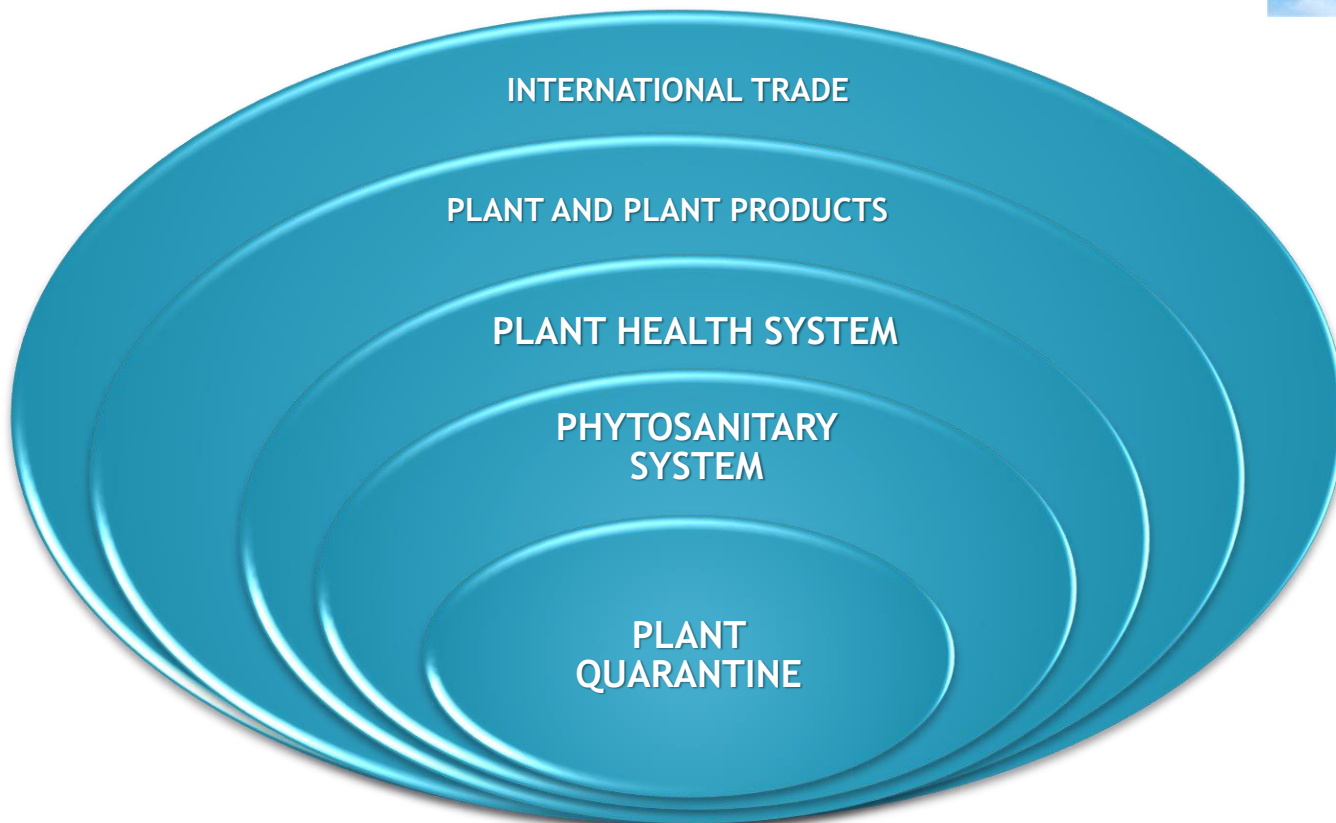
अनुसूची-५ संघको अधिकारको सूची

१८. अन्तर्राष्ट्रिय व्यापार, विनिमय, बन्दरगाह,
क्वारेन्टाइन





FUNCTIONAL DOMAIN OF PLANT QUARANTINE





Assigned Role of PQPMC



National Plant Protection Organization of Nepal



International
Plant Protection
Convention

Nepal 

IPPC Official Contact Point



Mr. Sahadev Prasad Humagain
Chief (Joint Secretary)
Plant Quarantine and Pesticide Management Centre
Hariharbhawan, Lalitpur, Nepal
Phone: +977 1 5535844 / +977 1 5524352
Mobile: 9779851010831
Fax: +977 1 5553798

Email: chief@npponepal.gov.np
Alternate Email: sphumagain2014@gmail.com
Preferred languages: English
Website: <http://www.npponepal.gov.np/>
Date contact registration: 27 Jul 2020
Description/expertise [Click to display](#)

Asia & Pacific
Plant Protection
Commission

Sharing responsibility in plant protection today and tomorrow for sustainable development and an ecological-friendly future together.



Designated National Authority -
Pesticides (DNA-P)



TASKS

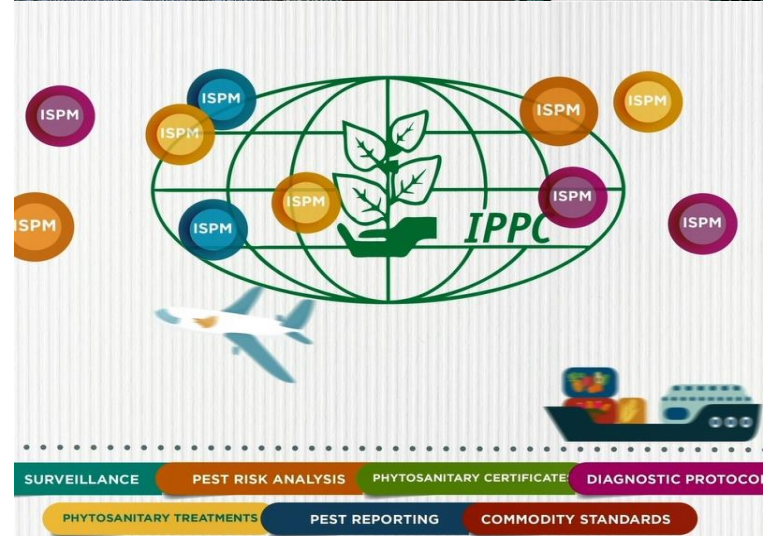


- Inspection of consignment to fulfill the phytosanitary requirements
- Issuance of Phytosanitary Certificate
- Issuance of Entry Permit
- Release or Rejection order for the consignment to enter into territory of Nepal
- Post Entry Quarantine
- Phytosanitary Treatments
- Phytosanitary Audits
- Documentation
- Notification of non compliances
- Reporting to the concerned national/international authorities
- Respond to the notifications of non compliances received if any



Current Status

- Member of World Trade Organization (WTO)- Responsible for establishing rules of trade between nations
- IPPC is the recognized international standard setting body for plant health under the WTO-SPS
 - Multilateral treaty for international cooperation in plant protection
 - Nearly 184 countries
 - From Albania to Zambia
 - A standard setting organization





INTERNATIONAL LEGAL INSTRUMENTS

- Agreement on Application of Sanitary and Phytosanitary Measures in International Trade (SPS)
- Asia Pacific Plant Protection Commission, 1965
 - Regional Standards for Phytosanitary Measures (RSPMs)
- Member of International Plant Protection Convention, 6th May, 2008
 - International Standards for Phytosanitary Measures (ISPMs)



Scope of the phytosanitary regulation (IPPC)

IPPC covers range of plants & protects them from a range of pests

- **plants:** cultivated plants and wild flora
- **plant pests:** invertebrates, diseases and weeds
- **harm:** includes direct & indirect effects

Extends to items capable of harbouring or spreading pests, such as:

- storage places
- conveyances
- Includes intentional introductions of organisms, such as:
- biological control organisms
- research, industrial or other organisms



PHYTOSANITARY MEASURES IN NEPAL

- Phytosanitary Legislation: Plant Protection Act, 2007 (In amendment process)
- Phytosanitary Regulation: Plant Protection Rules, 2010
- Plant Quarantine Process Manual, 2067
- Internal Quarantine Directives, 2013
- National Standards for Phytosanitary Measures (NSPMs)
- Gazette Notifications
- Plant Quarantine Committee decisions
- Decisions from the MoALD
- NPPO Decisions
- Other policy decisions from the government

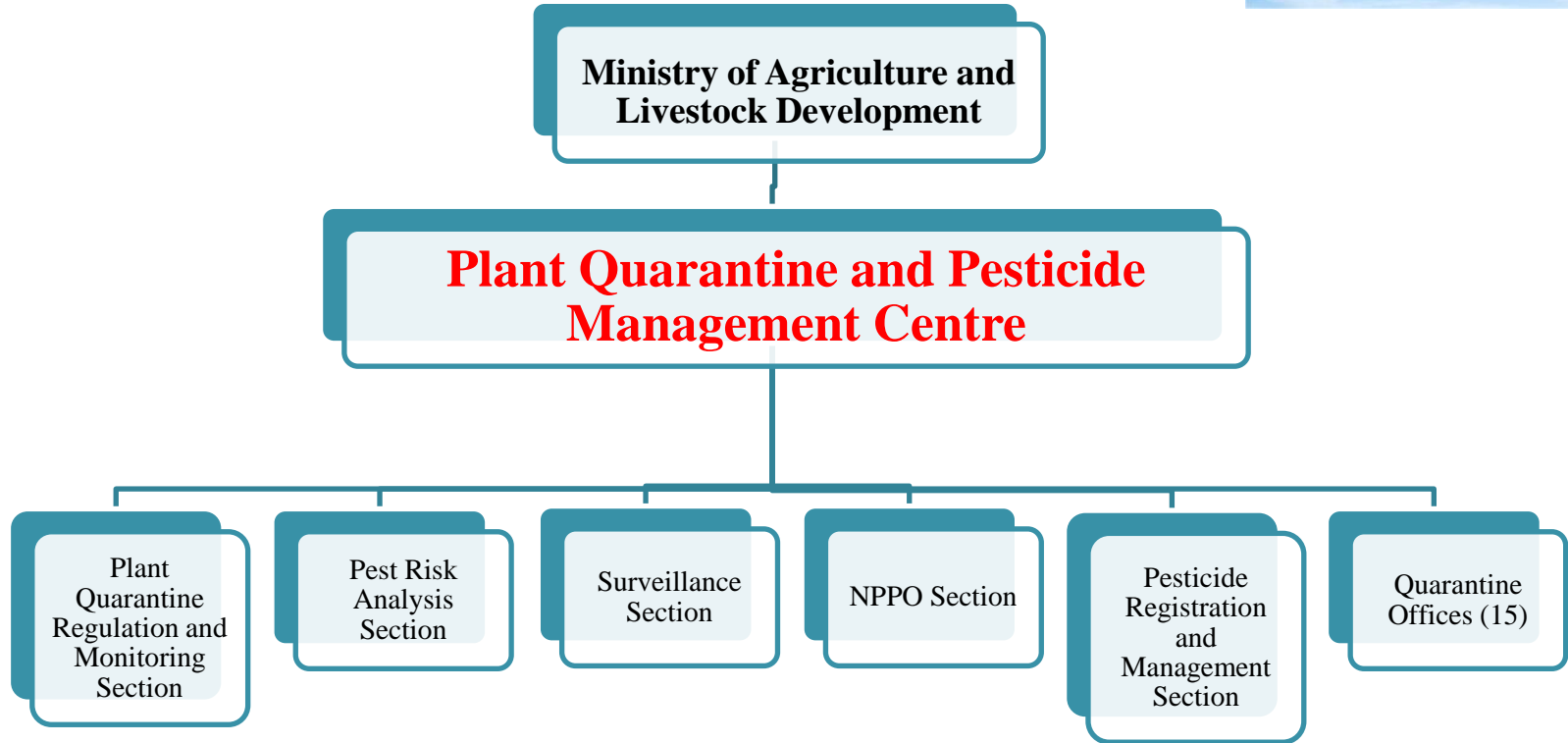
NOTIFICATION

1.	Notifying Member: <u>NPL</u> If applicable, name of local government involved:
2.	Agency responsible: International Trade Promotion Section, Agribusiness Promotion and statistics Division, Ministry of Agricultural Development, Government of Nepal
3.	Products covered (provide tariff item number(s) as specified in national schedules deposited with the WTO; ICS numbers should be provided in addition, where applicable): All the products under scope of Plant Quarantine of Nepal
4.	Regions or countries likely to be affected, to the extent relevant or practicable: <input checked="" type="checkbox"/> All trading partners <input type="checkbox"/> Specific regions or countries:
5.	Title of the notified document: National Standards for Phytosanitary Measures (NSPM 2, 11, 14, 17, 20, 21, 23, 24, 26, 27, 29, 31, 32, 34, 35 and 36) Language(s): English Number of pages: 311 (including all NSPMs) http://www.mnafa.gov.np http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_00_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_01_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_02_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_03_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_04_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_05_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_06_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_07_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_08_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_09_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_10_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_11_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_12_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_13_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_14_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_15_e.pdf http://members.wto.org/cnattachments/2014/sps/NPL/14_0428_16_e.pdf
6.	Description of content: <ul style="list-style-type: none"> NSPM: 2 Framework for Pest Risk Analysis NSPM: 11 Pest risk analysis for quarantine pests including analysis of ecological risk and living modified organisms NSPM: 14 The use of integrated measures in a system approach for pest risk management NSPM: 17 Pest Reporting NSPM: 20 Guidelines for a phytosanitary import regulatory system

NOTIFIED NSPMS (28 Jan, 2014)

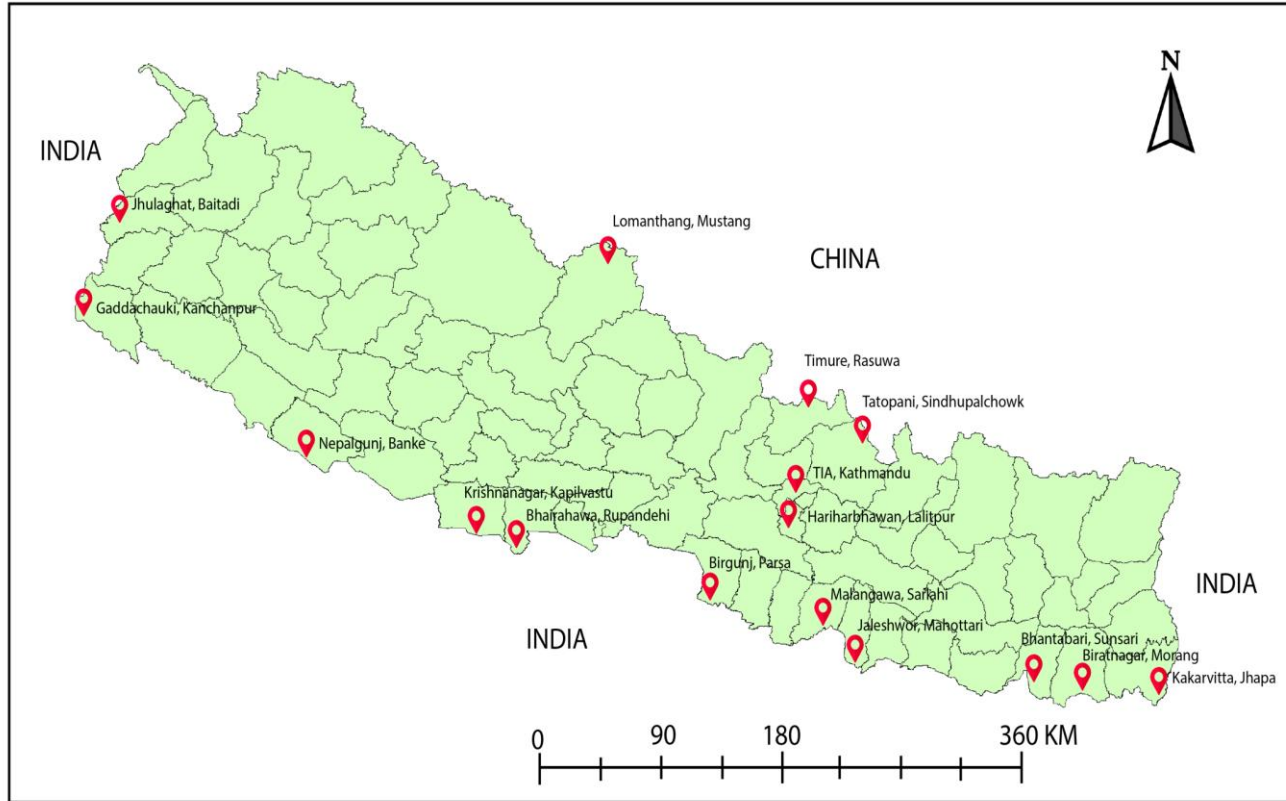


Organizational Structure





PLANT QUARANTINE OFFICES



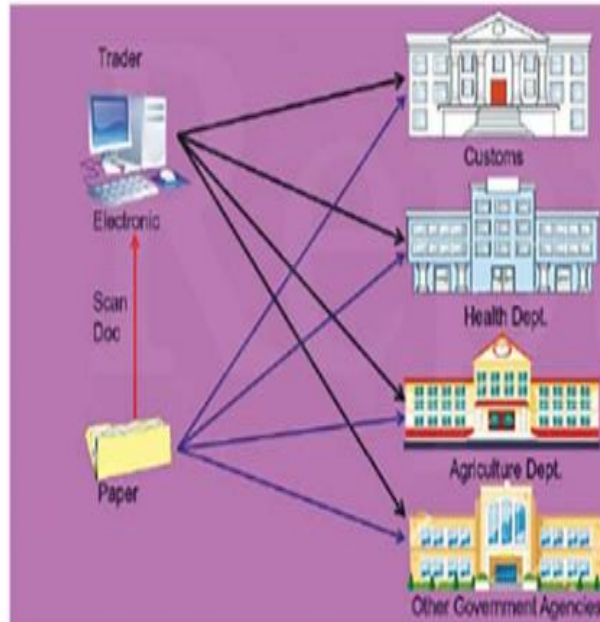
- 11 offices at Indo Nepal Border
- 3 offices at Nepal-China Border
- 1 office at TIA

- Proposed new offices
- Dry Port Chobhar
 - Lumbini International Airport
 - Pokhara Regional International Airport

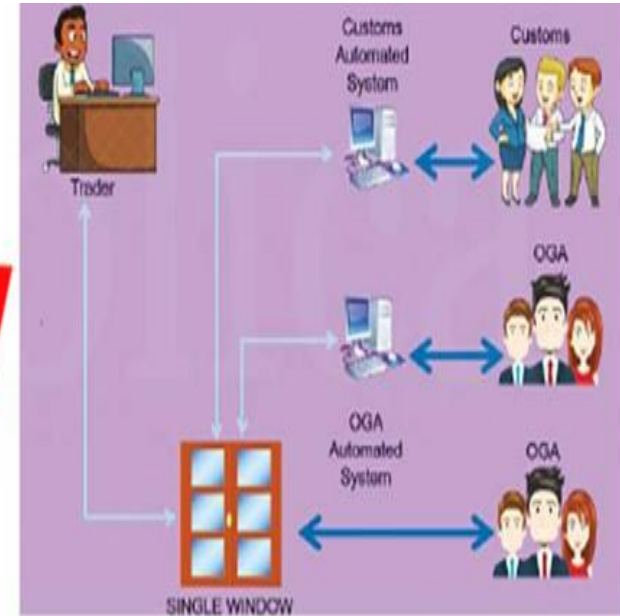


Nepal National Single Window

Without NNSW



With NNSW





Nepal National Single Window



- Development process start - 2076 Kartik
- MoU - 2077 Magh
- Implementation 2077 Falgun




भन्सार विभाग त्रिपुरेश्वर, काठमाण्डौ र प्लान्ट क्वारेन्टाइन तथा विषादी व्यवस्थापन केन्द्र हरिहरभवन, ललितपुरका बीच नेपाल राष्ट्रिय एकद्वार प्रणाली कार्यान्वयन गर्ने सम्बन्धमा भएको समझदारी पत्र


प्रथम पक्षः

नेपाल सरकार
अर्थ मन्त्रालय
भन्सार विभाग
त्रिपुरेश्वर, काठमाण्डौ, नेपाल ।

दोश्रो पक्षः

नेपाल सरकार
कृषि तथा पशुपन्छी विकास मन्त्रालय
प्लान्ट क्वारेन्टाइन तथा विषादी व्यवस्थापन केन्द्र
हरिहरभवन, ललितपुर, नेपाल ।


प्रथम पक्षका तर्फबाट हस्ताक्षर गर्ने
श्री सुमन दाहाल
महानिर्देशक
भन्सार विभाग


दोश्रो पक्षका तर्फबाट हस्ताक्षर गर्ने
श्री सहदेव प्रसाद हुमागाई
प्रमुख
प्लान्ट क्वारेन्टाइन तथा विषादी व्यवस्थापन केन्द्र



NNSW at a Glance



Key Facts

- World Bank Funded
- Start Date Nov 2019
- 2-Year Implementation
- 5-year Support
- 40+ Stakeholders
- Launched Feb 2021
- Now 12 Live Stakeholders
- Processed 27K LPCOs
 - 14K in August Alone
- Daily Average 500+
- System Users 3.2K

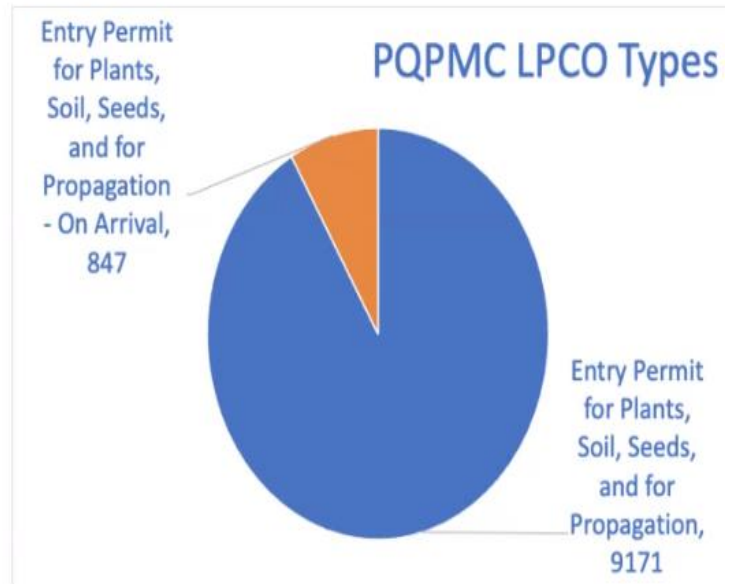




NNSW PQPMC Modules



- PQPMC has three types of LPCOs:
 - 907 Entry Permit for Plants, Soil, Seeds, and for Propagation
 - 909 Entry Permit for Plants, Soil, Seeds, and for Propagation - On Arrival
 - 908 Phytosanitary Certificate



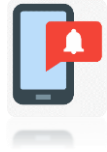
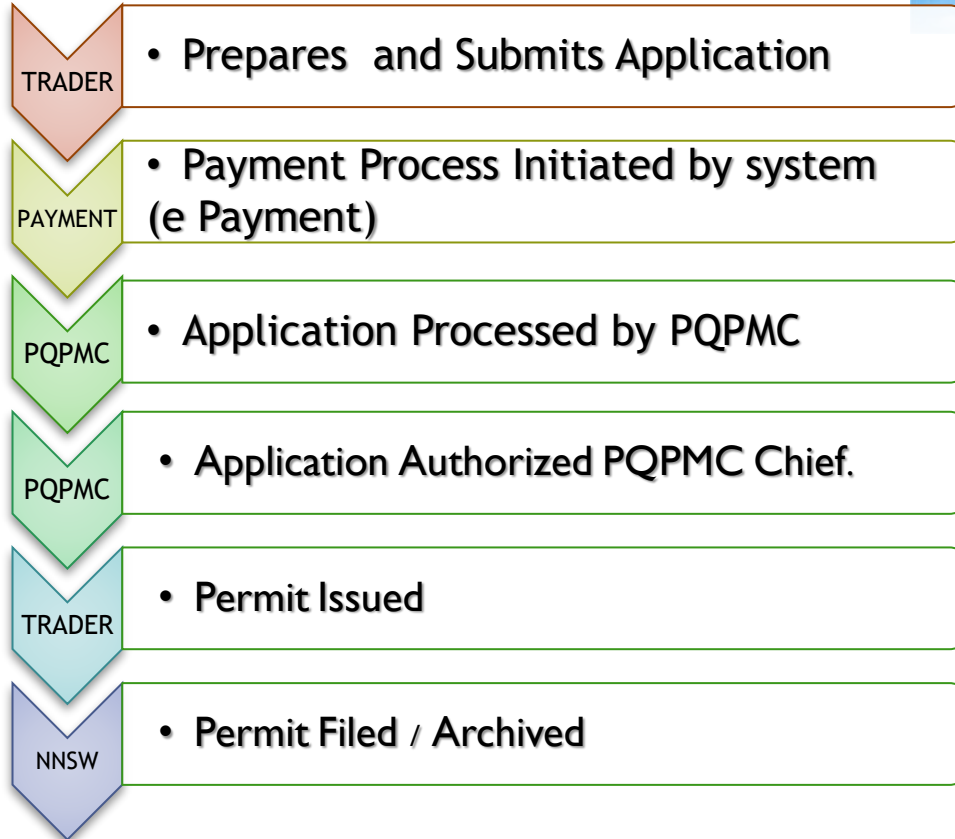


High Level Process Flow



Subcommittee processes application.
Declines or recommends approval by PQPMC Officials.

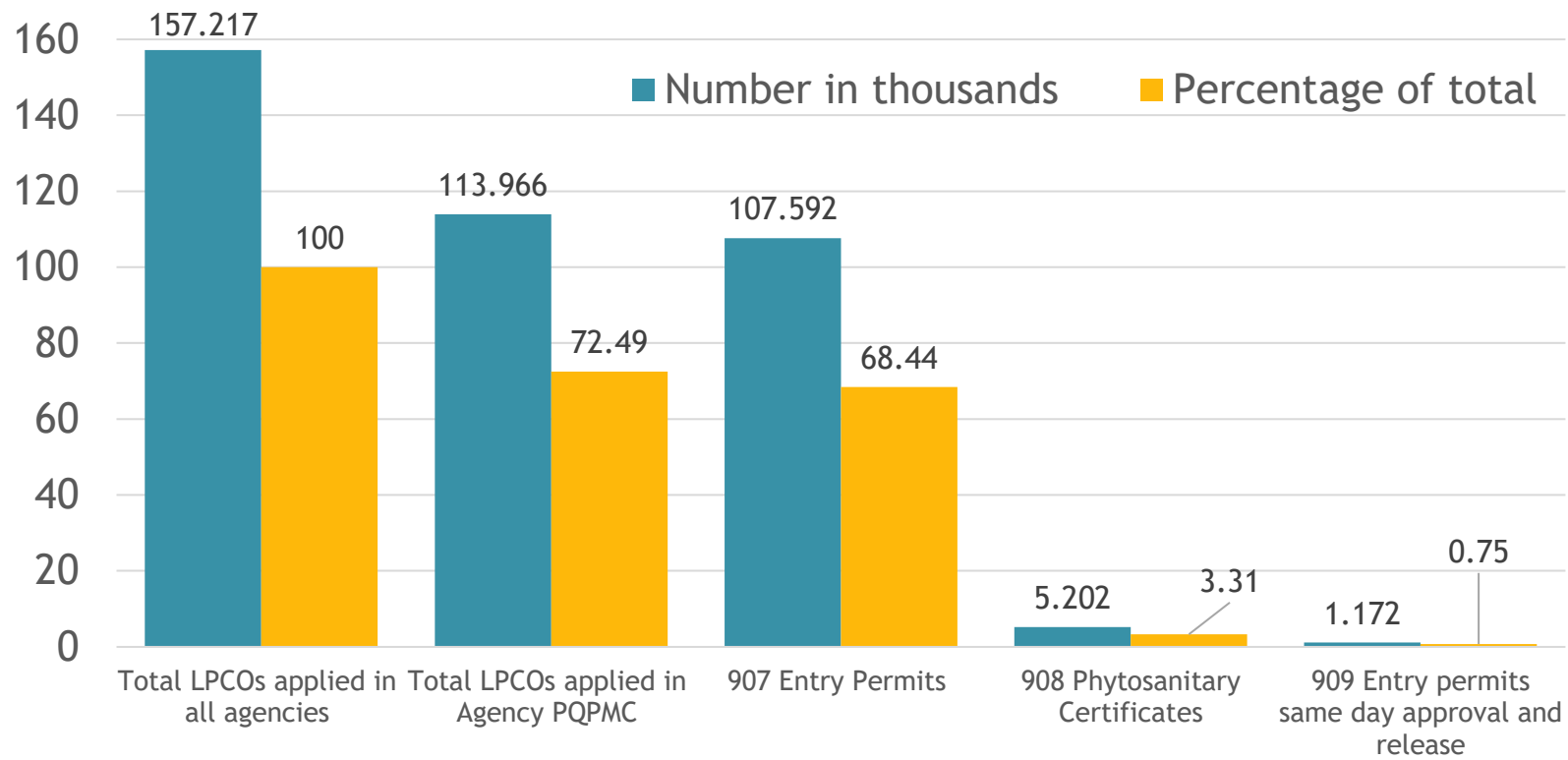
PQPMC Officials Approve or Decline Application



Notification - Trader

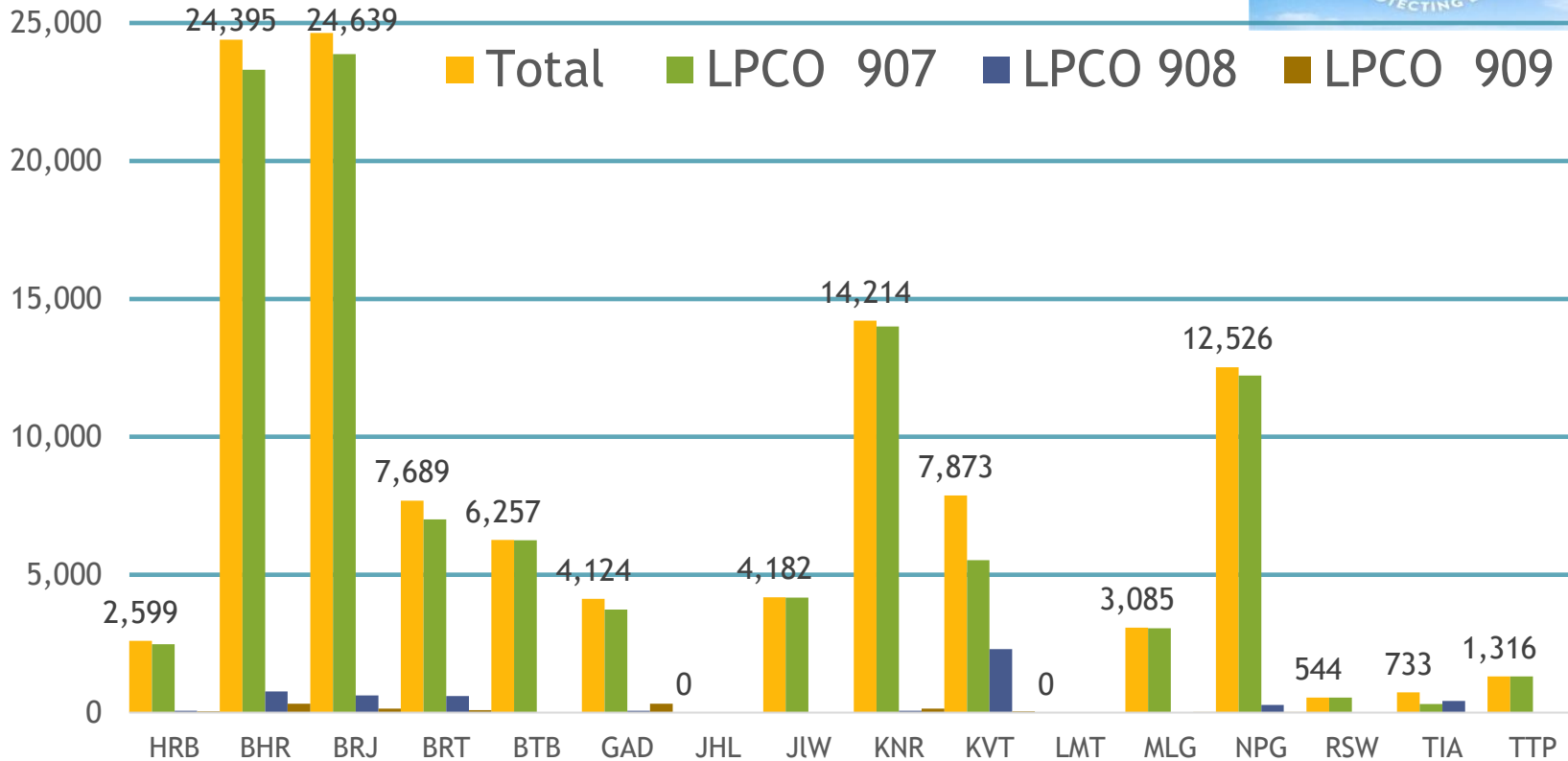


PQPMC share in total LPCOs issued through NNSW





LPCOs issued from different offices under PQPMC (May 2021-2022)





Entry Permit issued from NNSW



Government of Nepal
Ministry of Agriculture and Livestock Development
Plant Quarantine and Pesticide Management Center

Entry Permit of plants or plant products

Page 1 of 1

APPROVAL REFERENCE	A22049613	REQUEST REFERENCE	R22050166
APPROVAL DATE	12/04/2022	REQUEST DATE	12/04/2022
VALIDITY PERIOD	13/04/2022 - 12/07/2022	INVOICE NUMBER	BSB2201
COMPANY CODE	6099007290 109NP	INVOICE DATE	31/03/2022

This entry permit is hereby issued to the following Importer, pursuant to Section 6 of the Plant Protection Act, 2007 and Sub-rule (3) of Rule 5 of the Plant Protection Regulation, 2010, to import into Nepal the following Plant Or Plant Products on the following terms and conditions.

Name and Address of the Importer	bagmati sheet bhandari pvt ltd Chitwan, Bharatpur MC, chhetrapur C Man Bahadur Pandey	Name and Address of the Exporter	WEIHAI HAIHE IMP. & EXP. CO., LTD. No.238 GONGSONGLING ROAD,WEIHAI, CHINA.
Purpose/ End Use	Consumption	Country of Export	China
Entry Point	Mechi Customs Office	Final Destination	KATHMANDU, NEPAL
Tolerance Rate			

Items

S. No.	H.S Code	Scientific Name	Commercial Description	Classification (Stage of Growth)	Variety	Country of Origin	Number of Specimen	Package Number	Package Type	Package Marks	Amount / Quantity
1	0808100000	Malus domestica	FRESH APPLE 3558 CTNS	Fresh Fruit		China			3558 CT	20KGS/CTNS	71160 KGM

- General Entry Conditions:

1. The consignment of plants or plant products has to be free from soil, seeds of weeds and other infection.
2. Such consignment has to be accompanied by the authentic phytosanitary certificate.

- Special Entry Conditions/Additional Declaration:

Name of Authorized Officer
Devendra Shahi Plant Protection Officer
Place of Issue: Kakarvitta, Jhapa Kakarvitta Quarantine Office



This is an electronically generated document. No signature or stamp is required.

Print Date: 12/05/2022



Plant Quarantine and Pesticide Management Center
National Plant Protection Organization of Nepal



Nepal's access to IPPC e-phyto Solution through NNSW



Improving Safe Trade in Plant and Plant Products



Nepal's E-Phyto linked to IPPC's E-Phyto hub

Government of Nepal
Ministry of Agriculture and Livestock Development
Plant Quarantine and Pesticide Management Center
Phytosanitary Certificate

Page 1 of 1

PHYTOSANITARY CERTIFICATE NUMBER	0100000	REQUEST REFERENCE	0100000
APPROVAL DATE	08/08/2021	REQUEST DATE	08/08/2021
ISSUE PERIOD	08/08/2021 - 14/08/2021	ISSUE NUMBER	01
CONSIGNEE CODE	0000000000000000	ISSUE DATE	01/08/2021
From: Plant Protection Organization of Nepal	To: Plant Protection Organization of Mexico		

I. DESCRIPTION OF COMMODITY

Name and Address of Exporter	CIMMYT International Km 45 Reg. Loficial, Carretera Mexico Veracruz Col. El. Batan CP 56130, Mexico	Declared Name and Address of Consignee	CIMMYT International Km 45 Carretera Mexico Veracruz Col. El. Batan CP 56130, Mexico
Date of Inspection	08/08/2021	Distinguishing Marks	Cimmyt
Purpose (Use)	Other	Declared Mode of Transport	Aircraft
Declared Point of Entry	Other (to Mexico)	IPPC Hub Number	NPMXA2109090701109852045

Item	N.I.S Code	Botanical Name	Common Name	Country of Origin	Weight (kg)	Volume (liters)	Package Type	Package Status	Amount	Quantity
1	091010000	Tomato (Solanum lycopersicon)	Tomato (Solanum lycopersicon)	Other (to Mexico)	0	0	Other (to Mexico)	Other (to Mexico)	0.00	0.00

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

II. ADDITIONAL DECLARATION
No Special Pesticide

III. DISINFESTATION AND/OR INSPECTION TREATMENT

Treatment Date (08/08/2021)	Treatment NA
Chemical (Active Ingredient) NA	Condition & Temperature NA
Concentration NA	Additional Information NA


Name and Signature of Authorized Officer

MADHUK CHANDRA ADHARIYA
Senior Plant Protection Officer

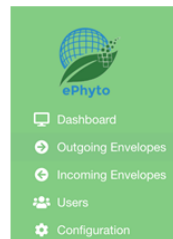
Place of Issue: Kathmandu, Nepal
Plant Quarantine and Pesticide Management Center

OFFICIAL SEAL

Print Date: 08/08/2021



Declared Name and Address of Consignee	CIMMYT International KM 45 Carretera Mexico Veracruz Col. El. Batan CP 56130, Mexico
Distinguishing Marks	Cimmyt
Declared Mode of Transport	Aircraft
IPPC Hub Number	NPMXA2109090701109852045



Carina Garcia, Nepal (NP) [Log Out](#)

Outgoing Envelopes

Search

From: 28-Aug-2021 To: Entity:

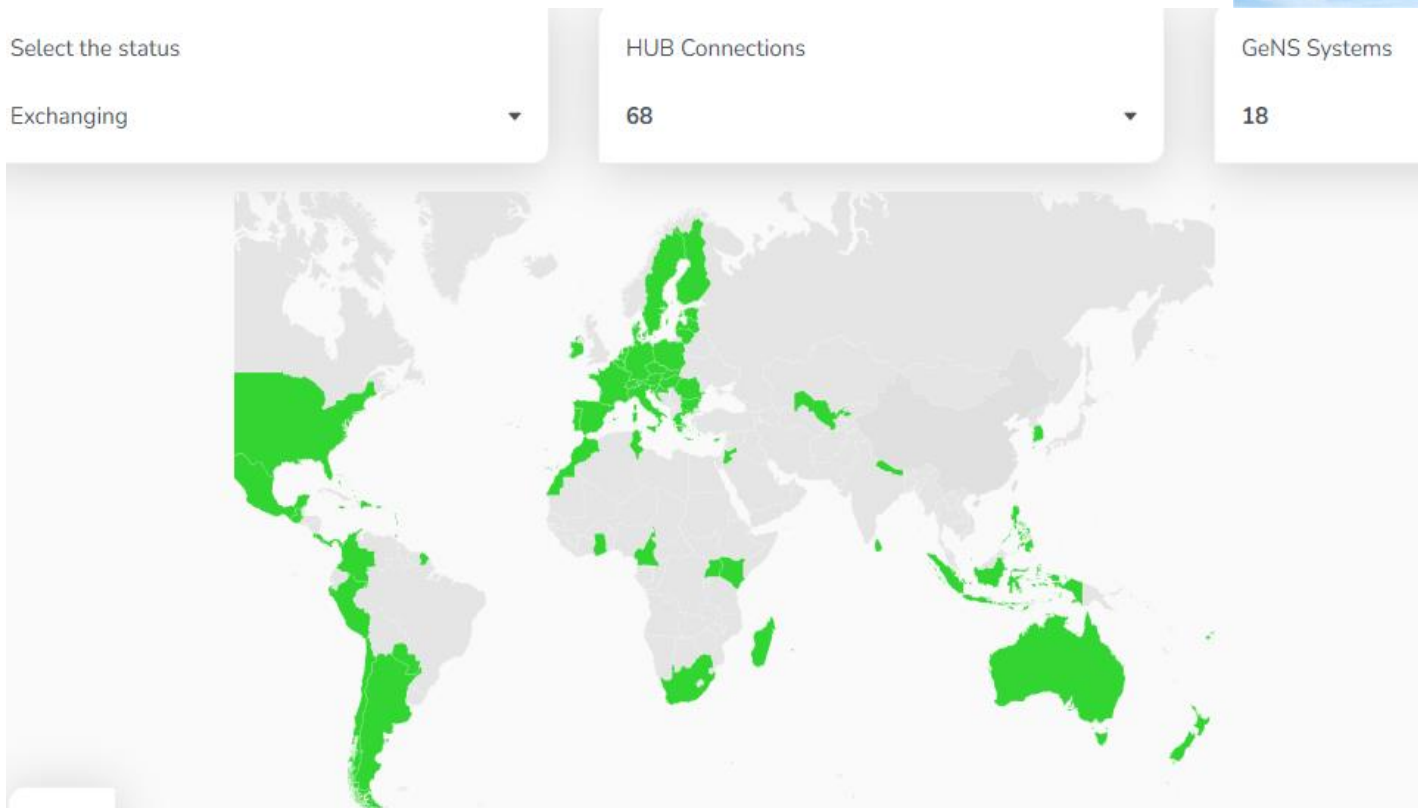
To: Hub Trac... HUB Trac... Received... Delivered... Certificat... Certificat... Nppo Cer... Failure M... Locked Content ... Forwardi... Ref Tr

MX (1)

MX	NPMXA21...	PendingD...	07-Sep-2...	Phyto	Issued	A21027490	No	4.63 KB
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Countries exchanging through e-phyto hub





Phytosanitary Certificates exchanged through e-phyto hub



Outgoing Envelopes

Search

From To Entity

To	Hub Trac...	HUB Trac...	Received...	Delivered...	Certificat...	Certificat...	Nppo Cer...	Failure M...	Locked	Content ...
FR (10)										
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FR	NPFRA22...	Delivered	04-May-2...	04-May-2...	Phyto	Issued	A22059326		No	4.29 KB
FR	NPFRB22...	Delivered	27-Apr-22...	27-Apr-22...	Phyto	Issued	A22056487		No	4.43 KB
HU (1)										
HU	NPHUA22...	Delivered	17-May-2...	17-May-2...	Phyto	Issued	A22084115		No	4.27 KB
IT (1)										
IT	NPITB220...	Delivered	25-Apr-22...	25-Apr-22...	Phyto	Issued	A22055536		No	4.38 KB
KR (2)										
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KR	NPKRA22...	Delivered	26-Apr-22...	26-Apr-22...	Phyto	Issued	A22055982		No	4.34 KB
LK (1)										
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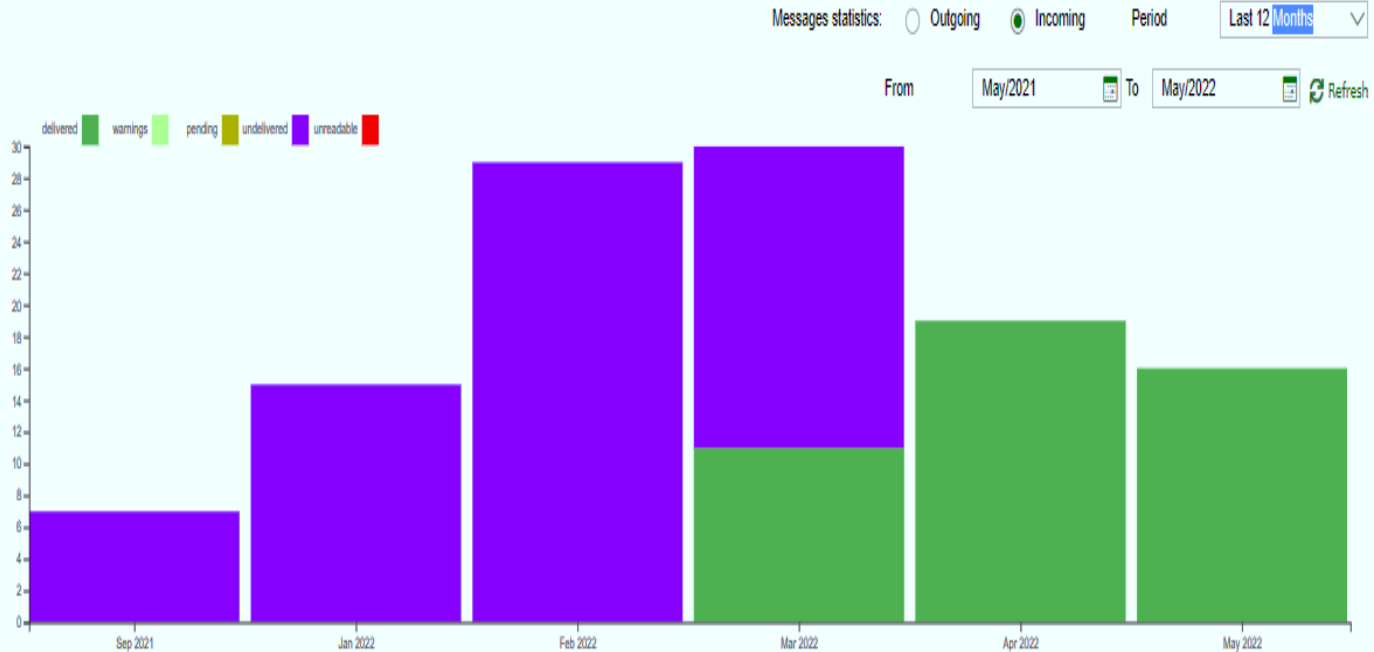


Incoming Phytosanitary Certificates through IPPC e-phyto hub



Welcome Mahesh Chandra Acharya,

Summary of ePhyto certificates exchanged through the HUB



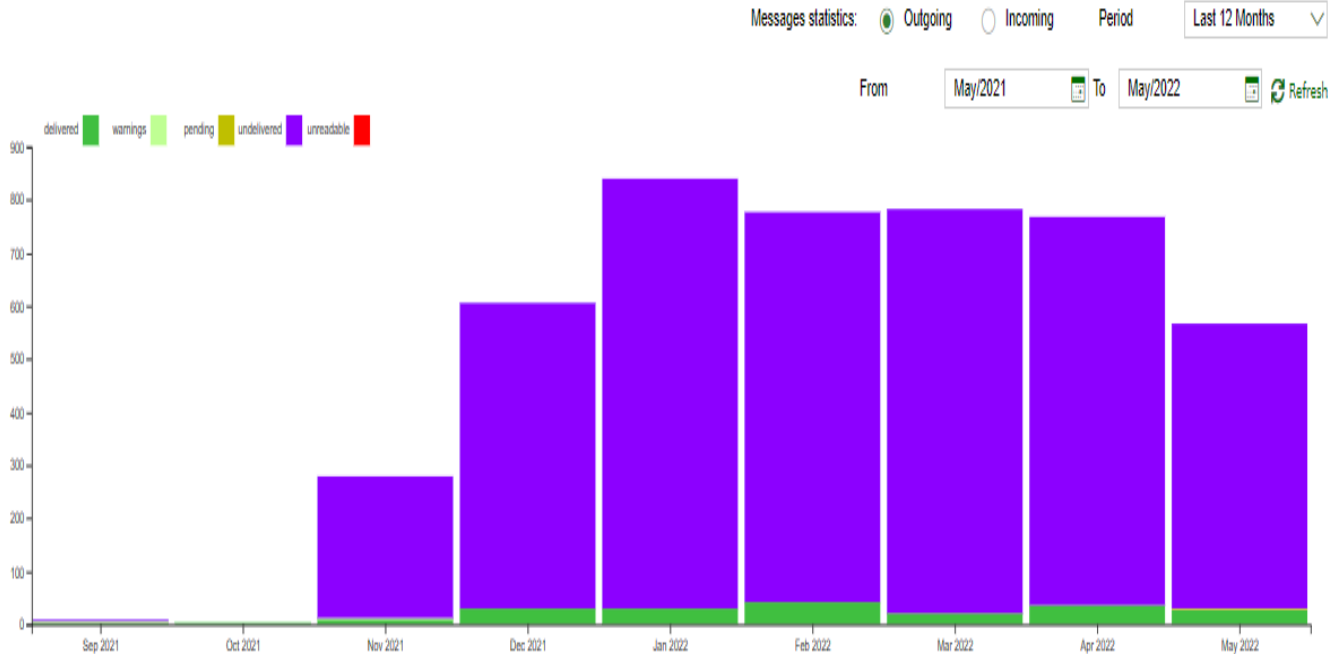


Outgoing Phytosanitary Certificates through IPPC e-phyto hub



Welcome Mahesh Chandra Acharya,

Summary of ePhyto certificates exchanged through the HUB





Virtual workshop on implementation of Rotterdam Convention



National workshop on the implementation of the Rotterdam Convention in Nepal – development of elements of a national action plan

Online from 30 September to 25 October 2021

Highlights: Nepal has expressed the interest to obtain technical assistance from the Secretariat to strengthen national capacity in the implementation of the Rotterdam Convention. The national workshop provides training and facilitation of a dialogue among the national stakeholders. Participants will review in detail the status of implementation of the Convention within the country and, for each of the obligations under the Convention, consider what is to be done, by whom and how things might be improved.

Organizers: The workshop will be organized by the Plant Quarantine and Pesticide Management Centre of Nepal jointly with the Rotterdam Convention Secretariat

Working Language: English

Meeting objectives: To build capacity at the national level for the effective implementation of the Rotterdam Convention and to facilitate a national dialogue among stakeholders as means to identify key elements of a national plan.

Target audience: Designated national authority of the Rotterdam Convention and other national stakeholders involved in the implementation of the Convention.




National Agricultural Pest Database Software



Data entry ongoing in the National Agricultural Pest Database Software

Home [alternaria leaf spot of wheat](#)



alternaria leaf spot of wheat
Saurin-rul

Detail

Name: alternaria leaf spot of wheat
Nepali Name: 400
Category: Fungi
Taxonomy
Kingdom: Fungi
Order: Pleosporales
Family: Pleosporaceae
Genus: Alternaria
Species: Alternaria alternata

Description

Alternaria infection is a fungal plant pathogen that causes leafblight on wheat. A. alternata is responsible for the largest leaf blight in wheat and also causes disease in other major cereals/grain crops. It is the most significant fungal pest of all cereals, significantly yield loss to wheat crops in the wheat belt region. The disease is caused by a fungal pathogen that causes necrotic leaf lesions and in severe cases stunting of the leaves.


Biology/ Life History

The fungus survives as overwinter seed or as mycelia within seed. Sporulation on lower leaves provides inoculum that can be dispersed by wind, leading to secondary spreads of the disease. Seed-borne inoculum often results in spike infections late in the crop cycle. High humidity or irrigation as well as warmer temperatures (20-25 degree Celsius) favor infection and disease development.

Activate Windows
Go to Settings to activate Windows.

NAPDS
National Agricultural Pest Database Software

Home [Home](#) [About](#) [Contact](#)



Recent Pest Reportings

Location	No.	Date	Source
1	10	2022-06-01	100
2	10	2022-06-01	100

Biology/ Life History

The fungus survives as overwinter seed or as mycelia within seed. Sporulation on lower leaves provides inoculum that can be dispersed by wind, leading to secondary spreads of the disease. Seed-borne inoculum often results in spike infections late in the crop cycle. High humidity or irrigation as well as warmer temperatures (20-25 degree Celsius) favor infection and disease development.

Additional Information

Growth Stages

Flowering stage; Fruiting stage; Post-emergence; Vegetative growing stage;

Symptoms

The disease appears when wheat plants are 7-8 weeks old and becomes more severe when the crop is mature. Infection is first evident on small, seed, discoloration lesions, irregularly scattered on the leaves. As the lesions enlarge, they become dark brown to grey and irregular in shape, some are surrounded by a bright yellow marginal zone. The lesions vary in size, reaching a diameter of 1 cm or more.

As the disease progresses, several lesions coalesce to cover large areas, resulting in the death of the entire leaf. In some cases, the leaf starts drying up from the tip, prematurely, when lesions appear. Black powdery conidia may cover the lesions at this stage under moist conditions. The lowermost leaves are the first to show the signs of infection. The fungus gradually spreads to the upper leaves. In severe cases, similar symptoms are produced on the leaf sheath and stem as well as the awns and glumes if awns are infected at the pre-anthesis stage. If the spike is infected this way, seeds do not form. Infection at the dough stage of seed development results in glume infection, awn infection and seed infection.

Host Information Table

Filter: Plant Parts Plant Category Filter Clear Filter

Date	Name	Description	Source

Activate Windows
Go to Settings to activate Windows.



Introduction of brood of Lac insect and rearing in Nepal- Nepal Shellac Agriculture Research and Industries Pvt. Ltd, Kavre





Restriction on the Entry Permits of Potential GMO consignments for direct human consumption



- Potential/Declared GMO consignments allowed for entry into Nepal only for animal feed production and/or commercial processing purpose.

बीजको उमनेशक्ति परीक्षण

परीक्षण नं.	नमूना पठाउनेको नाम र ठेगाना	नमूनाको प्रकार/जाति	नमूना प्राप्त मिति	परीक्षण अवधि	बीज परिक्षणको तरिको	परीक्षण स्थिति	उत्पादन	उमनेशक्तिको विश्लेषण (प्रतिशत)					
								सामान्य वेर्ना	कडा बीज	खुच्चु बीज	विकृत वेर्ना	मोको बीज	बीज उपचार
२५५२३	श्री फ्लाइट क्वारन्टाइन एवं बिषादी व्यवस्थापन केन्द्र हरिहरभवन, ललितपुर	सोयाबिन	०९८-०६-१२	७ दिन	विटबीन पेपर २५° से तापक्रम	०९८-०६-१९	७०	०	०	९९	९९	बीज उपचार नगरेका	
२५५२४	"	ब्यानोला (१)	"	६ दिन	टफ अफ द थेर २०° से तापक्रम	०९८-०६-१८	-	९४	०	०	४	२	०.२% KNO ₃ से उपचार गरि परिक्षण गरिएको
२५५२५	"	ब्यानोला (२)	"	६ दिन	"	०९८-०६-१८	-	९३	०	०	२	५	"
२५५२६	"	ब्यानोला (३)	"	६ दिन	"	०९८-०६-१८	-	९७	०	०	९	२	"

SN	Lab code	Plant	Country	Date	Remarks
1	PQ-1	Mustard	India	2021.08.31	
2	PQ-2	Canola	Australia	2021.08.31	
3	PQ-3	Soyameal	USA	2021.08.31	with non-GMO certification
4	PQ-4	Soyameal	USA	2021.08.31	without non-GMO certification
5	PQ-5	Soyabean	USA	2021.09.27	





Pest Survey and Surveillance

Survey of pests of 8 crops and 10 Medicinal herbs underway

Orientation
Training for
field
surveyors



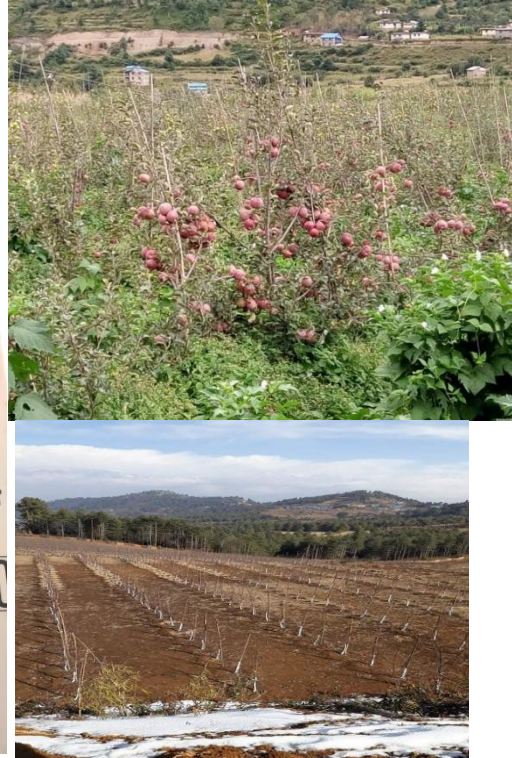


Invasive weed *Mimosa diplotricha* management sensitization program at Jhapa and Morang in collaboration with CDB, TU





Import of High Density planting materials from abroad





Invasive Weed Wedelia/Singapore Daisy Management Sensitization Program at Panchkhal in collaboration with CBD, TU








Phytosanitary Capacity Evaluation of NPPO Nepal



The PCE is a modular online software system consisting of 13 semi structured questionnaire type modules.

	System Level 1: Country profile 2: National phytosanitary legislation 3: Environmental forces assessment
	Organization Level 4: NPPOs mission and strategy 5: NPPOs structure and processes 6: NPPOs resources
	Core Activities 7: Pest diagnostic capacity 8: NPPO pest surveillance and pest reporting capacity 9: Pest eradication capacity 10: Phytosanitary import regulatory system 11: Pest risk analysis 12: Pest free areas, places and sites, low pest prevalence areas 13: Export certification, re-export, transit



Phytosanitary Capacity Evaluation of NPPO Nepal (Face to Face Session)



Plant Quarantine and Pesticide Management Center





Key Gaps Identified and resolutions to address

Gap	Identified resolution to address the gap	Time line	Trade Facilitation Outcome
<ul style="list-style-type: none"> Lack of personnel, infrastructure, equipment for field procedures and equipment and consumables for laboratory testing services at regional and border offices Lack of personnel at the Central PQPMC laboratory 	<ul style="list-style-type: none"> Human resources and financial policies needed to support sufficient human and financial capacities Targeted improvements under SRCTIP or other initiatives including equipment at targeted regional and border facilities including refurbishments (e.g., fumigation facility) Comprehensive gap analysis of individual sites to identify specific needs 	Medium term	<ul style="list-style-type: none"> Increased efficiency of trade by meeting service demands Reduced costs by aligning services with trade demand Improved quality and consistency of exports



Key Gaps and resolutions to address



Gap	Identified resolution to address the gap	Time line	Trade Facilitation Outcome
<ul style="list-style-type: none">Financial support to quarantine services is insufficient resulting in poor services to traders	<ul style="list-style-type: none">Review of Ministerial budget allocation supporting the agency	Medium term	<ul style="list-style-type: none">Sufficient resources providing confidence that exports meet import requirementsService demand is better addressed resulting in increased efficiency in trade



Key Gaps and resolutions to address



Gap	Identified resolution to address the gap	Time line	Trade Facilitation Outcome
<ul style="list-style-type: none"> Lack of strategic plan to guide the NPPO's activities and lack of a coordinated risk analysis framework. Increased training of staff in risk, risk assessment and risk management approaches 	<ul style="list-style-type: none"> Development of a strategic plan and risk analysis framework. Reallocation of resources to address risk assessment and risk management functions Utilization of risk-based data to drive risk analysis processes Establishment of documented procedures and training manuals 	Medium to long term	<ul style="list-style-type: none"> Increased confidence in the plant quarantine system Fully trained competent staff providing consistent, transparent services



Key Gaps and resolutions to address



Gap	Identified resolution to address the gap	Time line	Trade Facilitation Outcome
<ul style="list-style-type: none"> Lack of IT infrastructure to support tracking of operational activities 	<ul style="list-style-type: none"> Targeted improvements should be included under SRCTIP to address workflow management systems supporting operational activities including inspection and sample monitoring, lab sample tracking, surveillance monitoring, etc. Greater use of NNSW to facilitate clearances of imports and exports Alignment of systems with NNSW to include data sharing between systems 	Short to medium term	<ul style="list-style-type: none"> Risk data used to support operational activities (i.e. operational activities focused on risk)



Key Gaps and resolutions to address



Gap	Identified resolution to address the gap	Time line	Trade Facilitation Outcome
<ul style="list-style-type: none"> Lack of coordination within organization and between other cooperating agencies (e.g. Customs, etc.) Lack of awareness and input into policy design and implementation Asynchronized working hours of the concerned border agencies 	<ul style="list-style-type: none"> Development of policy and administrative frameworks to encourage cooperation and coordination Outreach to other government agencies and implementation of a consultative frameworks for working with stakeholders Government decision to synchronize the working hours 	Medium to long	<ul style="list-style-type: none"> Reduced duplicative and redundant activities Reduced trade costs Greater compliance by traders through an increased understanding of requirement



ISSUES



ISSUES AND CHALLENGES



- Name: Quarantine Office
- Border Quarantine as the first level of defense against Quarantine pests
- Official working Hours (Plant Quarantine as an Emergency Service)
- Holding of Consignment
- Clearance of Small Consignment at Nepal India Border
- Country and Commodity Specific Import Requirements
 - Quarantine Pest (QP) List : Only for few commodities (18)
 - Regulated Non QP : Not declaration
 - Post Entry Quarantine provisions for propagation materials
- Regulation of Wood Packaging Material
- Regulation of GMO consignments



- Standards for Phytosanitary Treatment
- Application of NSPMs (e.g. PEQ facility)
- Official control/domestic quarantine (e.g. Panama Wilt)
- Concerns on quantitative regulation (Quota)
- Issues of Certificates of Origin
- Technical support for Industrial Entomology - Lac culture
- Management of Invasive species



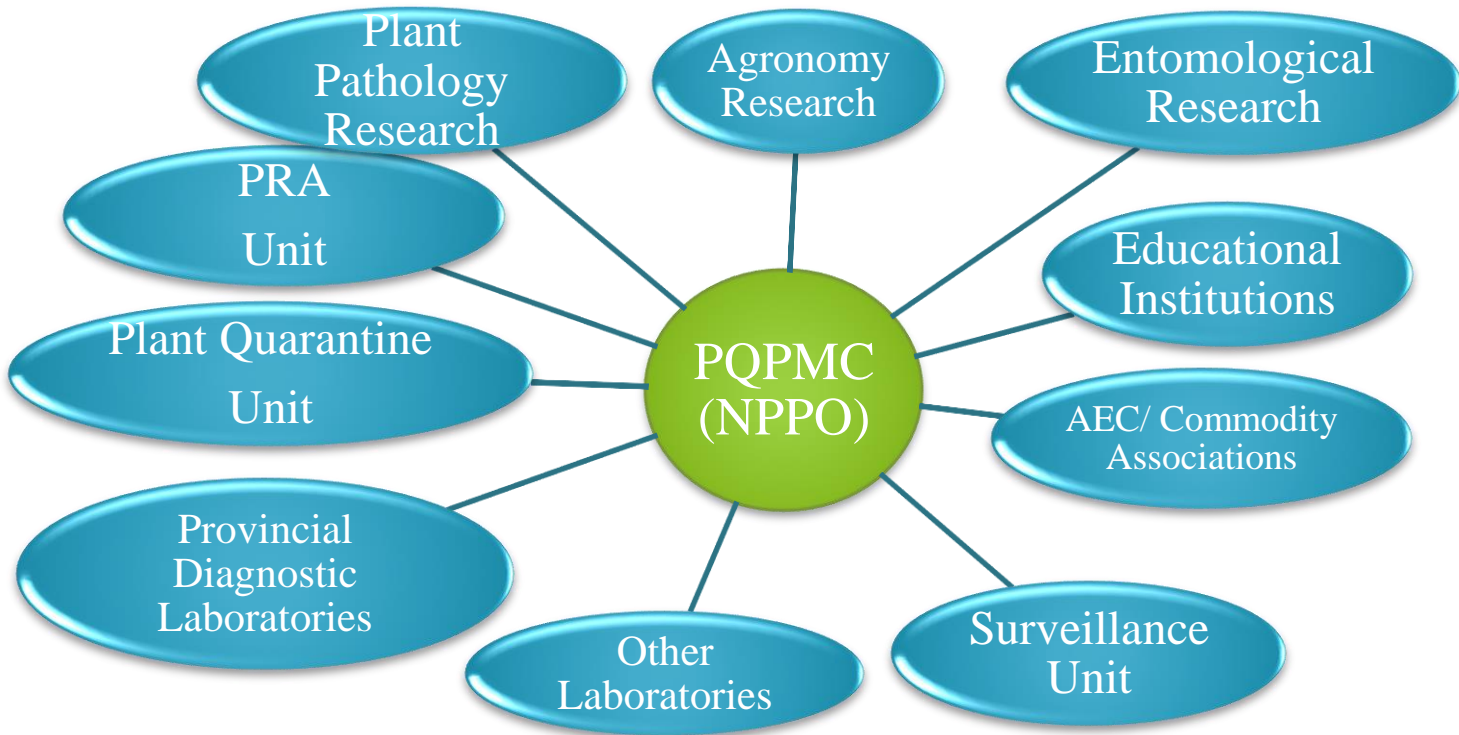
WAY FORWARD



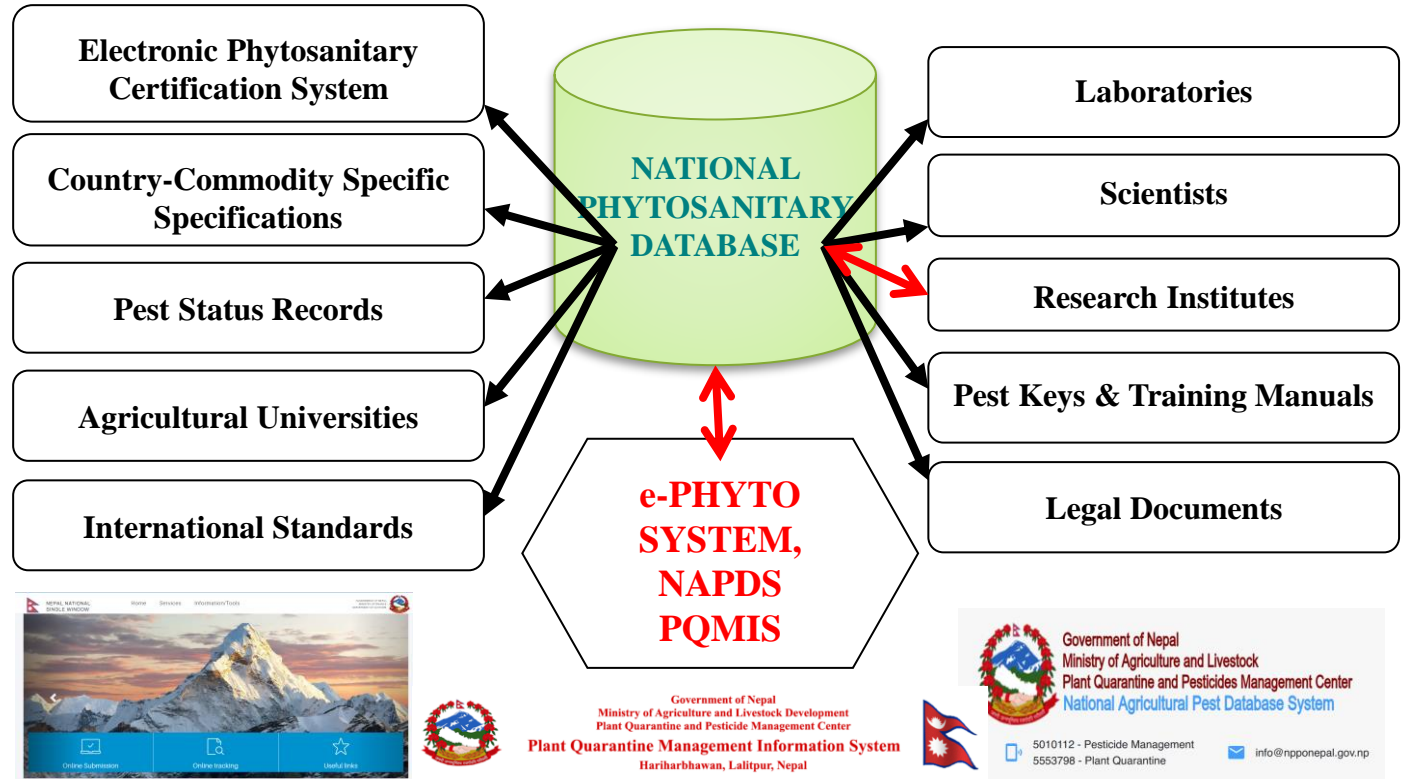
- Sensitization of Government and Private sector actors at all hierarchy about importance of plant quarantine
- Strengthen NPPO and other functionaries
- Build capacity of plant quarantine stations (Manpower, Equipments, Infrastructures)
- Make provisions of sealing system to ensure phytosanitary security by enforcing consignment sealing system
- Strengthen official control/domestic quarantine



STRENGTHEN INSTITUTIONAL LINKAGE



STENTHEN NATIONAL PHYTOSANITARY DATABASE





Plant Quarantine and Pesticide Management Center
National Plant Protection Organization of Nepal



**THANK YOU VERY MUCH FOR
PAYING ATTENTION**