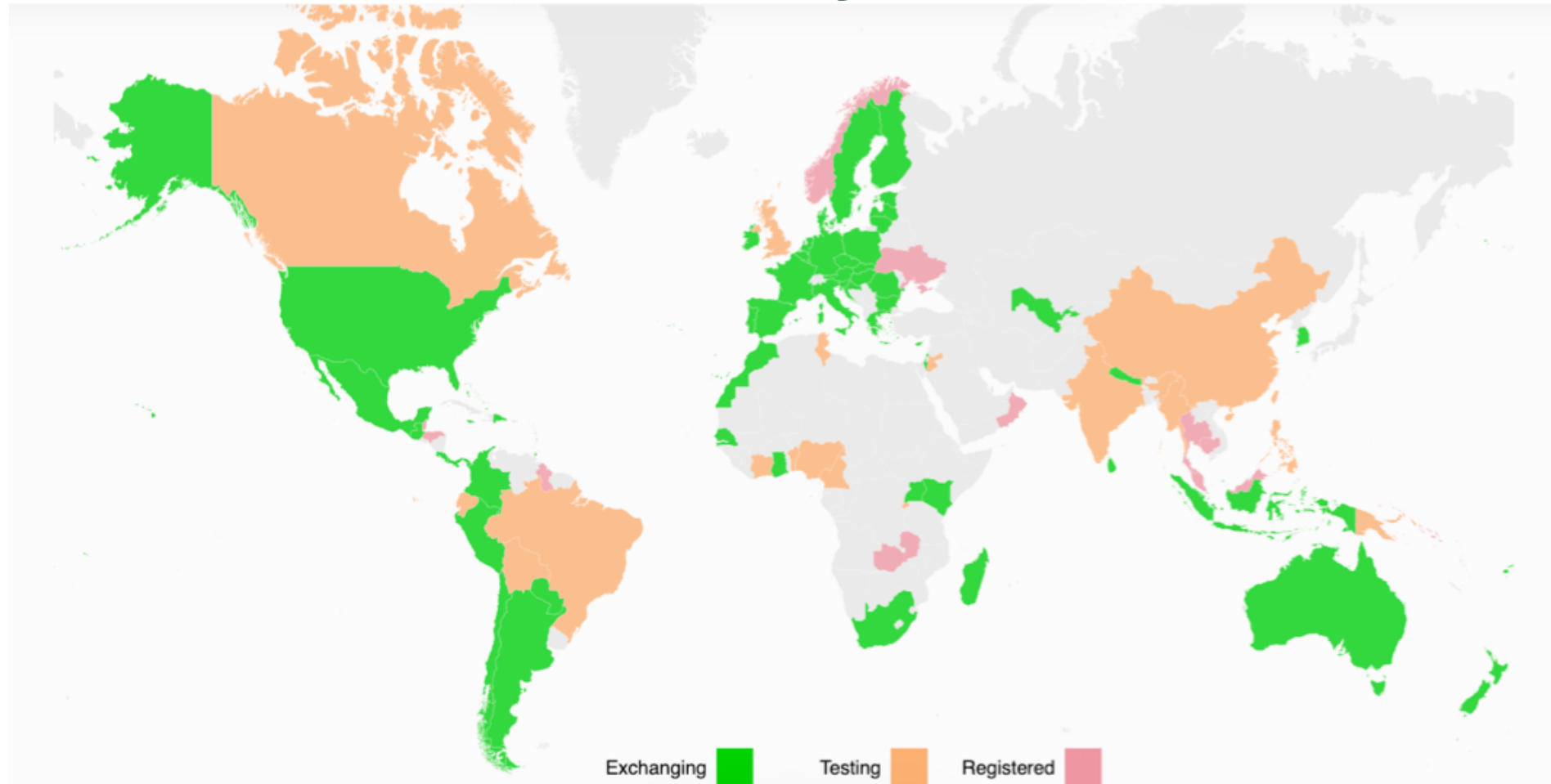


The IPPC ePhyto Solution



1 April 2022

The IPPC ePhyto Solution - Background

- The International Plant Protection Convention (IPPC) is one of the “Three SPS Sisters” and is the organization responsible for setting international standards for trade in plants and plant products
- “ePhyto” is short for electronic phytosanitary certificate. In simple terms, it is the data contained in a phytosanitary certificate in digital form. ePhytos can be printed out in paper form if needed.
- The IPPC ePhyto Solution meets the requirements of the IPPC’s International Standard for Phytosanitary Measures (ISPM) 12 Annex 1.
- ePhyto helps countries comply with Articles 7.9 (release of perishable goods) and 10.1 (simplifying formalities and documentation requirements for cross-border trade) of the Trade Facilitation Agreement of the World Trade Organization.
- The ePhyto Solution allows countries to electronically exchange ePhytos with any other country in the system through a central hub - quickly and accurately. There is no need for bilateral IT agreements and no charge for a country to join the system once they meet the necessary requirements.
- As of February 18, 2021, 106 countries are registered on the system, and 65 countries are using the ePhyto Solution live in a business-as-usual context.

What is an ePhyto?

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- <SPSExchangedDocument>
 - <ram:Name>NULL</ram:Name>
 - <ram:ID>779068</ram:ID>
 - <ram:TypeCode>851</ram:TypeCode>
 - <ram:StatusCode>70</ram:StatusCode>
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 - <ns1:DateTimeString>2018-04-10T10:54:44-03:00</ns1:DateTimeString>
- <ram:IssuerSPSParty>
 - <ram:Name>Servicio Nacional de Sanidad y Calidad Agroalimentaria</ram:Name>
- <ram:IncludedSPSNote>
 - <ram:Subject>SPSFL</ram:Subject>
 - <ram:ContentCode>5</ram:ContentCode>
- </ram:IncludedSPSNote>

Protecting the world's plant resources from pests

Paper Representations

Argentina certificate (from their system)

Same certificate received from Argentina via ePhyto in US

CERTIFICADO FITOSANITARIO
PHYTOSANITARY CERTIFICATE

N° **779068**

OE: Organización Nacional de Protección Fitosanitaria de ARGENTINA
OFOP: National Plant Protection Organization of ARGENTINA

NAA: Organización Nacional de Protección Fitosanitaria de
United States
ID: The Plant Protection Organization of:

DESCRIPCIÓN DEL ENVÍO / DESCRIPTION OF THE CONSIGNMENT

1 - Nombre y dirección del exportador Name and address of the exporter CAMPO GRANDE S A 2022421, PEDREGAL (5529), MENDOZA, ARGENTINA	2 - Nombre y dirección declarada del destinatario Declared/Address and address of the consignee PAPAYA FRUIT GROWER SALG OG BANANHODNING I/S GRONLOKKEVEJ 10 - 5000 ODENSE C P IVA DK 32 86 72 78 NEW YORK	
3 - Medio de transporte declarado Declared means of conveyance Marítimo - Buque Container Maritime - Container ship	4 - Punto de entrada declarado Declared point of entry NEW YORK	
5 - Nombre del producto, número y descripción de bultos Name of product, number and description of packages 15 cajas de Ajo Fresco 15 box of Fresh Garlic	6 - Cantidad declarada Quantity declared 40.0000 kg 40.0000 kg	
7 - Nombre botánico de la planta Botanical name of plant Allium sativum	8 - Lugar de origen Place of origin ARGENTINA - MENDOZA	9 - Marcas distintivas Distinguishing marks CAMPO GRANDE

10 - Por el presente se certifica que las plantas, productos vegetales o otros artículos reglamentados descritos aquí han sido inspeccionados y/o analizados, de acuerdo con procedimientos oficiales en uso, y se han liberado de plagas cuarentenarias especificadas por la contraparte importadora y que cumplen con los requisitos fitosanitarios exigidos por esta, incluyendo los relativos a plagas no cuarentenarias reglamentadas.
This is to certify that the plants, products or other regulated articles described herein have been inspected and/or tested according to appropriate official procedures and are considered free from 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.

DECLARACION ADICIONAL / ADDITIONAL DECLARATION

11 - Sin Declaraciones Adicionales
No additional declarations
Fecha de Inspección: 22-enero-2018
Inspection date: 22-january-2018

TREATAMIENTO DE DESINFESTACIÓN Y/O DESINFESTACIÓN / DISINFESTATION AND/OR DISINFESTATION TREATMENT

12 - Tratamiento Treatment	13 - Producto químico y concentración (Ingr. activo) / Chemical and Concentration (active ingredient)	14 - Densidad / Density	15 - Temperatura / Temperature	16 - Fecha / Date
17 - Información adicional: Additional information	DATOS DE EXPEDICIÓN / INFORMATION OF EXPEDITION			

Lugar y fecha de expedición: CIUDAD AUTONOMA DE BUENOS AIRES, 22-enero-2018
Place and date of issue: CIUDAD AUTONOMA DE BUENOS AIRES, 22-january-2018

Oficial autorizado: AR - 85 - BUIGUES GUSTAVO
Authorized officer

CUVE N°: 257 790685482

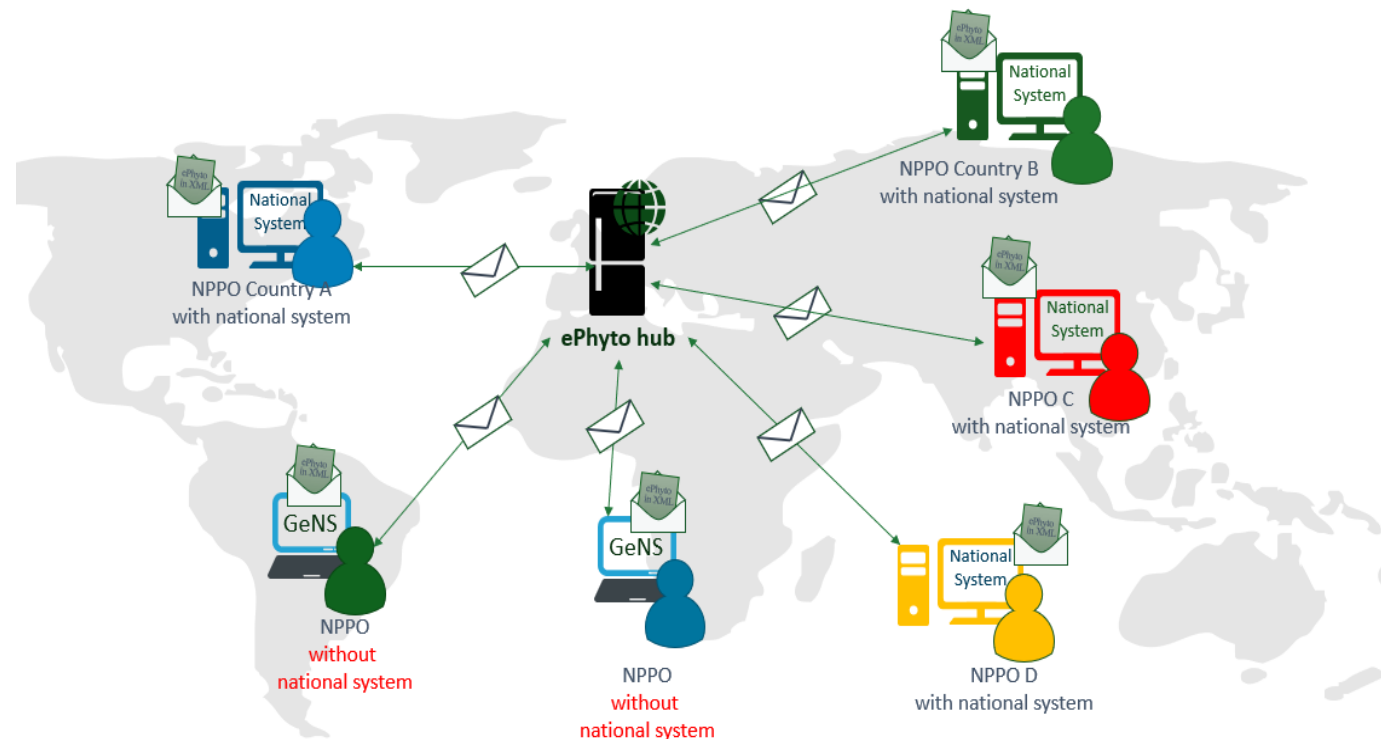


PCIT Generated Foreign Certificate Derived from Electronically Supplied Data Servicio Nacional de Sanidad y Calidad Agroalimentaria PHYTOSANITARY CERTIFICATE	FOR OFFICIAL USE ONLY	X
	PLACE OF ISSUE FUERTO DE BUENOS AIRES (CIUDAD AUTONOMA DE BUENOS AIRES)	
	NO. 779068	
TO: THE PLANT PROTECTION ORGANIZATION(S) OF United States	DATE INSPECTED April 10, 2018	
CERTIFICATION		
This is to certify that the plants, plant product 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.		
DISINFESTATION AND/OR DISINFESTATION TREATMENT		
TREATMENT DETAILS		
DESCRIPTION OF THE CONSIGNMENT		
1. NAME AND ADDRESS OF EXPORTER CAMPO GRANDE S A 2022421, PEDREGAL (5529), MENDOZA, ARGENTINA	2. DECLARED NAME AND ADDRESS OF THE CONSIGNEE PAPAYA FRUIT GROWER SALG OG BANANHODNING I/S GRONLOKKEVEJ 10 - 5000 ODENSE C P IVA DK 32 86 72 78	
3. NAME OF PRODUCE AND QUANTITY DECLARED (1) garlic (Bulbs) 40.0000 kilogram	4. BOTANICAL NAME OF PLANTS (1) Allium sativum	
5. NUMBER AND DESCRIPTION OF PACKAGES (1) 15 Box	6. DISTINGUISHING MARKS (1) CAMPO GRANDE	
7. PLACE OF ORIGIN (1) MENDOZA	8. DECLARED MEANS OF CONVEYANCE Container ship (Maritime transport)	
	9. DECLARED POINT OF ENTRY NEW YORK	
ADDITIONAL DECLARATION		
No additional declarations		
Page 1 of 1		
10. DATE ISSUED April 10, 2018	11. INSPECTOR	12. NAME OF AUTHORIZED OFFICER (Type or Print) AR - 85 BUIGUES GUSTAVO
No financial liability with respect to this certificate shall attach to Servicio Nacional de Sanidad y Calidad Agroalimentaria or to any of its officers or representatives.		

Protecting the world's plant resources from pests

The IPPC ePhyto Solution

The Solution consists of the ePhyto Hub (with direct connections for countries with their own national systems) and the web-based Generic ePhyto National System (GeNS – for countries without their own infrastructure) exchanging harmonized messages in a uniform format and structure.



TRACES, Single Windows and ePhyto

Single Window systems can now connect to the HUB to send/receive ePhytos on behalf of countries they manage.

The delegation rule can be adjusted on the following criteria:

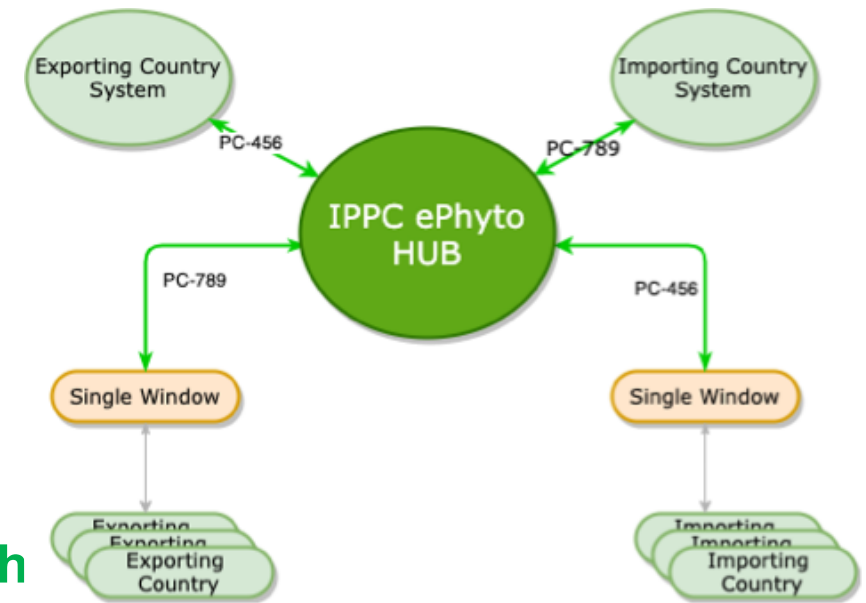
- Incoming/Outgoing messages
- Document Type (*Regular and Re-export*)
- Document Status (*Issued, Withdraw*)



EU Traces is using this feature, as is Madagascar and oth

e.g. Countries sending ePhytos to all the EU members (26) will send it to the HUB, and the message will be pulled by the Traces system.

This can also be applied to systems like ASYCUDA, the ASEAN Single window and blockchains



Why is ePhyto important?

Security - The use of electronic phytosanitary certificates (ePhytos) significantly minimizes the possibility of fraudulent certificates and contaminated cargo getting through customs.

Border Process Efficiency - the ePhyto Solution allows the verification, and if needed, the replacement of the phytosanitary certificate even before the consignment arrives at the border. Thus, once the product arrives all paperwork issues are prevented and all that is needed is the inspection.

Global Coverage - All countries using the ePhyto System can exchange with one another without the need of bilateral IT agreements.

ePhyto Case Study Benefits Reported

- Fiji, Argentina, Sri Lanka, Costa Rica, Uganda, Uzbekistan, New Zealand, USA, Jamaica, and the Republic of Korea have provided detailed case studies (www.ephytoexchange.org)
 - Average of 4 days of time saved in the trade process
 - No express courier service to send paper certificates saves up to US\$100 per shipment and avoids lost or damaged certificates
 - Low-cost to set up, up to US\$900K/yr. in savings reported in one case (Fiji)
 - Up to US\$55 per container in savings reported in another case (Morocco)
 - Reduced costs of labor for exporters (applying for and receiving certificates can be done online, no need to go to offices; an additional benefit for the pandemic period).
 - No need for special security paper, cost savings of up to US\$200k in one case (USA)
 - Effective use of resources at border stations (advance notice helps lower port costs for both NPPOs and businesses, reduced waiting at land borders)
 - Total reduction in fraudulent certificates (Uganda)
 - Integration into trade facilitation projects covered ePhyto accession costs for many developing countries
 - Facilitates the collection of reliable trade statistics in real time for report writing and informing major decisions.

ePhyto Case Studies – Specific examples of benefits

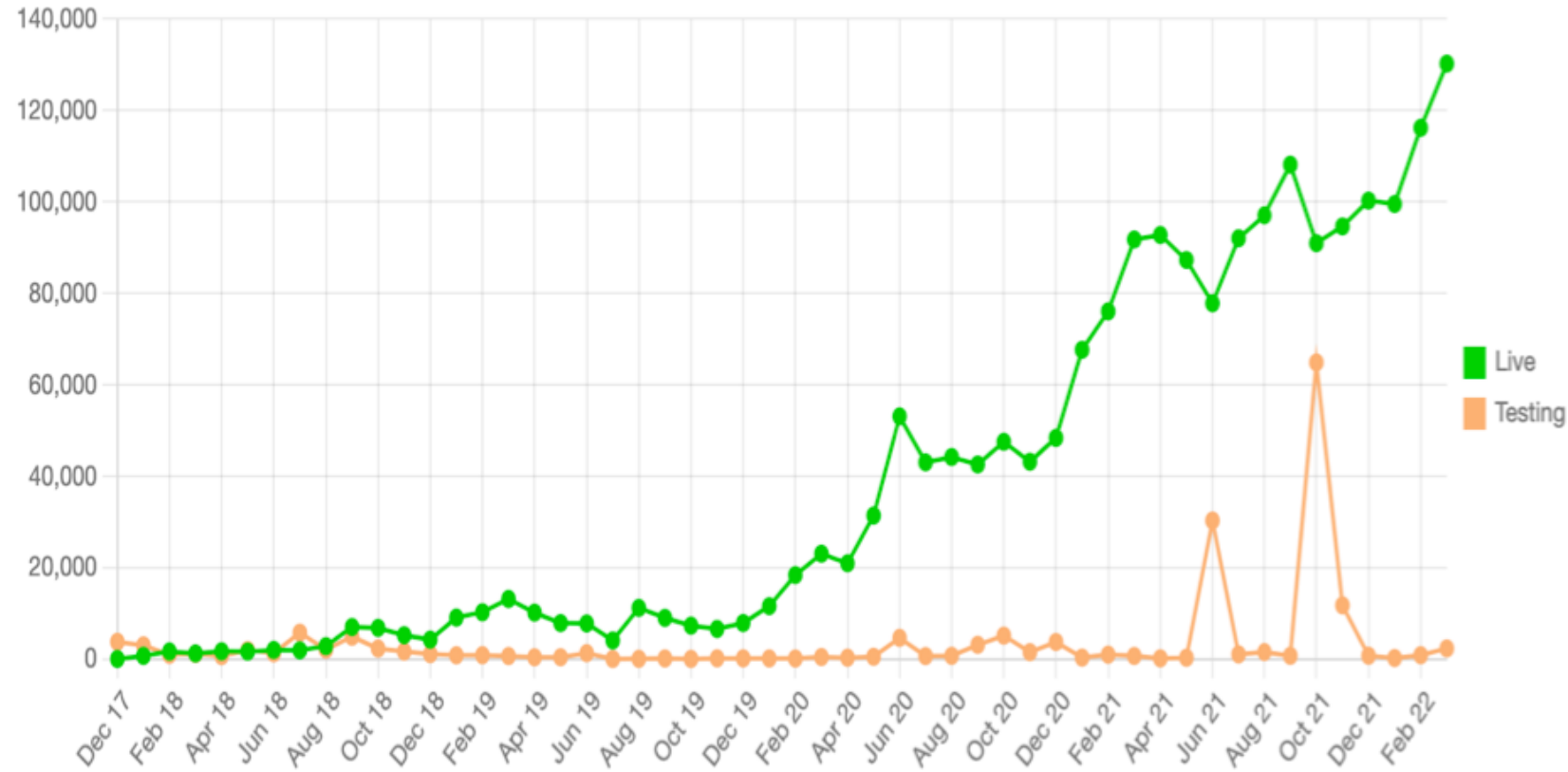
- **US Grain shipment to Chile – corrected ePhyto reissued**
 - \$36,000 in demurrage charges saved
 - Shipment released within hours rather than days
- **Argentina Pomegranate fruit shipment to the US – corrected ePhyto issued**
 - Perishable shipment
 - Shelf life maintained
- **Fraudulent Shipment to Mexico prevented**
 - Paper certificate number had no correlation to ePhyto numbers
 - Possible pest problem averted

To learn more: www.ephytoexchange.org

Protecting the world's plant resources from pests

Continuing to Grow and Ready for More!

Summary of the certificates successfully exchanged through the HUB



Total Live Exchanges:
199509

Total Test Exchanges:
180835

Protecting the world's plant resources from pests

Thank you



Food and Agriculture Organization
of the United Nations



International Plant
Protection Convention



Improving Safe Trade in
Plant and Plant Products

STDF



ICC

international
computing
centre

ICT SOLUTIONS
FOR THE
UN FAMILY