Netherlands Food and Consumer
Product Safety Authority
Ministry of Economic Affairs

Report of IPPC ePhyto Steering Group

Nico Horn
Chairperson ePhyto SG

CPM-08 2013

- Development and approval Appendix 1 of ISPM 12 in final stage
- Further development electronic phytosanitary certification has priority
- IPPC ePhyto Steering Group established with terms of reference

Terms of reference ePhyto SG

- Establish common understanding ePhyto
- Monitor delivery Hub feasibility study
- Establish procedures for common access databases
- Keep oversight all IPPC activities on ePhyto

IPPC ePhyto Steering Group

Coordinates developments and awareness raising

- Global representation
- Global developments

Members IPPC ePhyto Steering Group

- Mrs. Maoyu Chen (Asia)
- Mrs. Serafina Mangana (Africa)
- Mr. Walter Alessandrini (Latin America and the Caribbean)
- Mr. Christian Dellis (North America)
- Mr. Peter Neimanis (Southwest Pacific)
- Mr. Nico Horn (Europe)
- Mr. Craig Fedchock (IPPC Secretariat)
- Mr. Peter Thomson (IPPC Bureau)

ePhyto.ippc.int

International Plant Protection Convention
Protecting the world's plant resources from pests

www.ippc.int → ePhyto

ePhyto

Background Documents

Link No.	Subject	Link URL (links to be used in documents or articles)
Formats		
1	WC3 Extensible Markup Language (XML)	http://ephyto.ippc.int/XML
2	UN/CEFACT SPS XML Schema	http://ephyto.ippc.int/UN-CEFACT-schema
3	IPPC ePhyto certificate for export	http://ephyto.ippc.int/Export
4	IPPC ePhyto certificate for re-export	http://ephyto.ippc.int/Re-export
5	IPPC replacement of phytosanitary certificates	http://ephyto.ippc.int/ReplacementPC
Harmonized Terms		
6	ISO two-digit country	http://ephyto.ippc.int/ISO-country
7	Database of scientific names	http://ephyto.ippc.int/EPPO-codes
8	IPPC commodity class	http://ephyto.ippc.int/Commodities
9	UNECE recommendation 21 (packages and packaging materials)	http://ephyto.ippc.int/UNECE-recommendations
10	UNECE recommendation 20 (units of measure used in international trade)	http://ephyto.ippc.int/UNECE-recommendations
11	IPPC treatment types	http://ephyto.ippc.int/Tmt-types
12	Codex active ingredients	http://ephyto.ippc.int/Codex-ai
13	UNECE recommendation 20 (concentration, dosage, temperature and duration of exposure)	http://ephyto.ippc.int/UNECE-recommendations
14	IPPC additional declarations	http://ephyto.ippc.int/AD
15	UN/LOCODE for Trade and Transport Locations	http://ephyto.ippc.int/UN-LOCODE-locations
16	UNECE recommendation 19, Codes for modes of transport	http://ephyto.ippc.int/UNECE-recommendations
Exchange Mechanism		

Developments

- Approval of Appendix 1 of ISPM 12 in CPM in April 2014
- Procedures for access and update of lists of harmonized terms (codes)
- Recommendations following Hub feasibility study
- Awareness raising

ePhyto Newsletter – December 2013

ePhyto Steering Group

The IPPC ePhyto Steering Group was established by the 8th session of the Commission on Phytosanitary Measures (CPM) to commence work on key components to assist countries with their implementation of ePhyto.

The first face-to-face meeting of the group took place in Auckland, New Zealand from 16 to 19 September 2013.

The ePhyto Steering Group is comprised of (left to right in photo)

Walter Fabian Alessandrini (Latin America region, Argentina)
Christian B. Dellis (North America region, United States of America)
Chen Maoyu (Asia region, China)
Peter Neimanis (Southwest Pacific region, Australia)
Jo Horn – chair (Europe region, The Netherlands)
Peter Thomson (Bureau member, New Zealand)
Craig Fedchock (IPPC Secretariat)
Serafina Ernesto Mangana (Africa region, Mozambique) - absent

What is an ePhyto?

ePhyto is short for "electronic phytosanitary certificate". An ePhyto is the electronic version of a paper phytosanitary certificate.

All the information contained in a paper phytosanitary certificate is also detailed in the ePhyto.

ePhytos can be exchanged electronically between countries or the data printed out into a paper-based phytosanitary certificate.

ePhytos should be produced in accordance with ISPM 12 and its Appendix 1. ePhytos store phytosanitary data in XML format.

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What is an ePhyto system?

An **ePhyto system** is the IT system by which phytosanitary certificates are produced and exchanged

International Plant Protection Convention
Document Title
Meeting Year/Month/No.
Agenda item

ePhyto Fact Sheet – No. 1

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What is XML?

Extensible Markup Language (XML) is a markup language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable.

XML is a textual data format that emphasize simplicity, generality, and usability over the Internet.

XML is widely used has come into common use for the interchange of data over the Internet.

How do ePhytos compare with paper phytosanitary certificates?

Benefits of ePhytos

The use of ePhyto provides a number of benefits, in comparison to paper-based phytosanitary certification, to both exporting and importing countries:

- use of a single global ISPM 12:2011 (Phytosanitary Certificates) for electronic phytosanitary certification
- reduction of potential fraudulent documentation
- reduce data entry and validation functions by NPPO staff
- improve security in transmission of certificate documentation
- improve planning for the arrival and clearance of plants and plant products at customs
- reduction in delays in receiving replacement phytosanitary certificates

BRYANT CHRISTIE INC.
INTERNATIONAL AFFAIRS MANAGEMENT
REPORT

A GLOBAL *e*PHYTO FEASIBILITY STUDY

Prepared by Bryant Christie Inc.
for the IPPC/CPM ePhyto Steering Group

March 12, 2014