



Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention



# INTERNATIONAL YEAR OF **PLANT HEALTH**

2020

PROTECTING PLANTS,  
PROTECTING LIFE

## INTERNATIONAL YEAR OF PLANT HEALTH

21 October 2020

Mirko Montuori

[IYPH@fao.org](mailto:IYPH@fao.org)

[www.fao.org/plant-health-2020](http://www.fao.org/plant-health-2020)



# Summary

- 1 **Plant pests and diseases: a global problem**
- 2 **The role of the International Plant Protection Convention (IPPC)**
- 3 **The International Year of Plant Health**





# The global context: 2030 agenda





# The impact of plant pests and diseases

- Annual loss: 20-40% of cultivated crops, USD 220 billion.
- More and different pest varieties are present earlier and in areas where they were not present before.
- One of the five factors of biodiversity loss (IPBES).





# Plant pests and diseases

*Spodoptera frugiperda*



*Rhynchophorus ferrugineus*



*Xylella fastidiosa*

*Fusarium oxysporum*  
*f. sp. cubense*





# Causes of increase of plant pests and diseases

1. Climate change
2. Anthropogenic activities: international trade and movement of people





# International Plant Protection Convention (IPPC)

*Established in April 1952 as  
a FAO Article XIV body*



- **Mission:** Protect global plant resources and facilitate safe trade.
- **Vision:** The spread of plant pests is minimized and their impacts within countries are affectively managed.
- Recognized as standard setting organization for plant health by the **WTO SPS Agreement** along with **Codex and OIE** (“SPS sisters”).
- **184 Member Countries** as of September 2020.
- IPPC Secretariat collaborating with **10 Regional Plant Protection Organizations** and over **40 international organizations** – IPPC Secretariat is a member of the **Biodiversity Liaison Group (BLG)**.





# IPPC Strategic Objectives



## IPPC DEVELOPMENT AGENDA 2020–2030

1. Harmonization of Electronic Data Exchange.
2. Commodity- and Pathway- Specific ISPMs.
3. Management of E-commerce and Courier Mail Pathways.
4. Developing Guidance for the Use of Third-Party Entities.
5. Strengthening Pest Outbreak Alert and Response Systems.
6. Assessment and Management of Climate Change Impacts on Plant Health.
7. Global Phytosanitary Research Coordination.
8. Diagnostic Laboratory Network.

## CONTRIBUTING TO UN 2030 SUSTAINABLE DEVELOPMENT GOALS







# IPPC core activities

## Standard Setting

**-Over 100 Standards (ISPMs) adopted**



E.g.: wood pallets treated according to ISPM-15 to kill insects.

## Implementation



-Phytosanitary capacity of contracting parties strengthened for IPPC and standards implementation (e.g. PCE, projects, guides and training materials).

## ePhyto

**-IPPC solution being implemented in over 90 countries.**



## Communication and Partnerships



-Effective information exchange and national reporting obligations via IPPC website ([www.ippc.int](http://www.ippc.int)).  
-Partnerships developed with over 40 international organizations.





Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

# 2020: the International Year of Plant Health



ANNO INTERNAZIONALE DELLA  
**SALUTE DELLE PIANTE**

2020



INTERNATIONAL YEAR OF  
**PLANT HEALTH**  
2020

PROTECTING PLANTS,  
PROTECTING LIFE



# FAO and IPPH

*“As with human or animal health, prevention in plant health is better than cure. [...]*

*Much still needs to be done to secure plant health.”*

Qu Dongyu, FAO Director-General, 2 December 2019





# IYPH objectives

- Raising public **awareness** of the importance of plant health to achieve SDGs and for daily life, as well as the risks that each person's behavior poses to plant health.
- Increase **resources** dedicated to plant health.
- Promote **good practices**, knowledge, research and partnerships.







Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

# IYPH key initiatives



INTERNATIONAL YEAR OF  
**PLANT HEALTH**  
2020

## Launch event (2 Dec. 2019)



## IPHC (28 June-1 July 2021)



## CPM-15 (March 2021?)



INTERNATIONAL YEAR OF  
**PLANT HEALTH**  
2020

PROTECTING PLANTS,  
PROTECTING LIFE



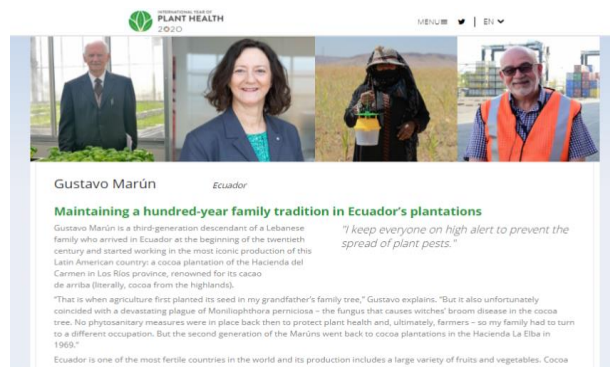
# IYPH national and regional initiatives







# Communication



a day in the life of a plant health professional



A day in the life of a #PlantHealth professional





# Other initiatives



## nature plants

Explore our content ▾

Journal information ▾

nature > nature plants > comment > article

Comment | Published: 11 August 2020

## Science diplomacy for plant health



Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention



INTERNATIONAL YEAR OF  
PLANT HEALTH  
2020







# How can I contribute?

1. Use and share the IYPH logo and materials.
2. Promote the photo contest and the art and drawing competition.
3. Be active on social media! Use the hashtags #PlantHealth and #IYPH2020
4. Suggest online events for the IYPH calendar.
5. Attend IYPH webinars.
6. Support the IYPH legacy (e.g. proclamation of International Day of Plant health)
7. Interact with the IYPH Secretariat.
8. Be an IYPH champion/spokesperson, even beyond 2020.





# How can I contribute?

1. Use and share the IYPH logo and materials.
2. Promote the photo contest and the art and drawing competition.
3. Be active on social media! Use the hashtags #PlantHealth and #IYPH2020
4. Suggest online events for the IYPH calendar.
5. Attend IYH webinars.
6. Support the IYPH legacy (e.g. proclamation of International Day of Plant health)
7. Interact with the IYPH Secretariat.
8. Be an IYPH champion/spokesperson, even beyond 2020.





Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

# Contacts

## IYPH Secretariat

Food and Agriculture  
Organization  
of the United Nations (FAO)

Email: [IYPH@fao.org](mailto:IYPH@fao.org)

Web:

[www.fao.org](http://www.fao.org)

[www.ippc.int](http://www.ippc.int)

[www.fao.org/plant-health-2020](http://www.fao.org/plant-health-2020)



INTERNATIONAL YEAR OF  
**PLANT HEALTH**

2020



INTERNATIONAL YEAR OF  
**PLANT HEALTH**  
2020

PROTECTING PLANTS,  
PROTECTING LIFE