



Genebank Platform



INTERNATIONAL YEAR OF  
**PLANT HEALTH**  
2020

# CGIAR Germplasm Health Webinar series on **“Phytosanitary Safety for Transboundary pest prevention”**

Date: 9 to 13 November 2020

The Germplasm Health Units (GHUs) of CGIAR centers have teamed up to organize a global seminar series as part of the GHU’s International Phytosanitary Awareness Week 2020 event themed, “Phytosanitary Safety for Prevention of Transboundary Spread of Pests and Pathogens,” from 9 to 13 November 2020 to highlight the International Year of Plant Health 2020 (IYPH 2020).

Register to participate: <https://bit.ly/3ewXg93>

Watch live on YouTube		
Day and date	YouTube Streaming link	Time zone (UTC)
DAY 1: 9-Nov, Mon: Global Plenary – beginning	<a href="https://bit.ly/2TZzIGa">https://bit.ly/2TZzIGa</a>	+1 UTC
DAY 2: 10-Nov, Tue: Asia Session	<a href="https://bit.ly/2JAKcZH">https://bit.ly/2JAKcZH</a>	+5.30 UTC
DAY 2: 10-Nov, Wed: Latin America Session	<a href="https://bit.ly/38sDdbd">https://bit.ly/38sDdbd</a>	-5 UTC
DAY 4: 12-Nov, Thu: Africa Session	<a href="https://bit.ly/3lewEw4">https://bit.ly/3lewEw4</a>	+1 UTC
DAY 5: 13-Nov, Fri: Global Plenary - conclusion	<a href="https://bit.ly/32gMILY">https://bit.ly/32gMILY</a>	+1 UTC
Webinar Objectives		
Raise awareness about CGIAR GHU's mission and functions among partners and stakeholders	Bring together key experts and advocates to assess the status of invasive pest threats and share experiences of best phytosanitary practices to contain the transboundary spread of pests with planting material	Brainstorm on future pest risk scenarios in the context of climate change and identify the strategies, technologies, and partnerships appropriate for mitigating current and future biorisks to plant and germplasm health



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## Global plenary session

9 November 2020, Monday

13:00 -15:00 Nigeria-European Time Zone (UTC +1)

The GHU seminar series kickoff with a global plenary session focused on three presentations on International Year of Plant Health (IYPH); FAO-CGIAR international collaboration in tackling transboundary pests; and the role of CGIAR Germplasm Health component of the Genebank Platform in preventing the transboundary spread of pests and pathogens and safe international transfers of germplasm for food and agricultural R4D initiatives around the world.

### Program:

Time (UTC +1)	Topic and presenter
13:00 – 13.15	<b>Welcome and introduction</b> Lava Kumar (IITA, Nigeria)
13:15 – 13:45	<b>Delivery of the International Year of Plant Health and the Way forward</b> Dr. Jingyuan Xia (Director, FAO Plant Production and Protection Division, Rome)
13:45 – 14:15	<b>FAO-CGIAR partnership for transboundary plant pests prevention and management in Africa</b> Dr Ade Freeman (Regional Program Leader, FAO Regional office for Africa, Ghana)
14:15 – 14.45	<b>The global system of genebanks and the vital role of the CGIAR phytosanitary program</b> Dr Charlotte Lusty (Head of Programs, Coordinator of the CGIAR Genebank Platform, Global Crop Diversity Trust, Germany)
14:45 – 15.00	<b>Closing remarks</b>



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## Asia Session

10 November 2020, Tuesday

12:30 -14:30 pm India (UTC +5.30)

The seminars in this session will focus on phytosanitary implications of global exchange of crop germplasm, and emerging crop pests and pathogens in Asia. New plant pests and pathogens can have potential impact on the livelihoods and food security. Locust outbreaks and increasing infestation of fall armyworm are of great concern in the region. Wheat blast, *Fusarium oxysporum* Tropical Race 4, *Bactrocera zonata* (the peach fruit fly), brown plant hoppers (BPH) - a major pests of rice, and UG99 - a virulent strain of wheat stem rust are the other potential threats to agriculture. The seminars will highlight the collaborative role of the CGIAR GHUs and national plant protection organizations in preventing the introduction and spread of pests of quarantine significance

### Program:

Time (UTC +5.30)	Topic and presenter
12:30 – 12.40 pm	<b>Welcome and introduction</b> Rajan Sharma (ICRISAT, India)
12:40 – 12:50 pm	<b>Safe movement of food and forage crops germplasm</b> Safaa Kumari (ICARDA, Lebanon)
12:50 – 13:10 pm	<b>Major activities of Lebanese national seed health testing programs</b> Rola El Amil (Lebanese Agricultural Research Institute, Lebanon)
13:10 – 13:20 pm	<b>Phytosanitary measures for safe conservation and distribution of germplasm of ICRISAT mandate crops</b> Rajan Sharma (ICRISAT), India
13:20 – 13:40 pm	<b>Global exchange of crop germplasm: phytosanitary implications with reference to India</b> K. Anitha (NBPGR-Hyderabad, India)
13.40 – 13.50 am	<b>Safe exchange of rice germplasm by IRRI Seed Health Unit</b> Gururaj Guddappa Kulkarni (IRRI, Philippines)
13:50 – 14.10 am	<b>Plant health update from the Bureau of Plant Industry (BPI)- National Plant Quarantine Services Division</b> TBD (BPI, Philippines)
14:10 – 14.30 am	<b>Discussion and closing remarks</b> Safaa Kumari (ICARDA, Lebanon)



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## Latin America Session

11 November 2020, Wednesday

09:00 -11:00 Colombia-Peru Time Zone (UTC -5)

The seminars in this session will focus on phytosanitary issues of importance in Latin America, where climate change and new invasive pest introductions such as potato purple top disease, *Fusarium oxisporum* Tropical Race 4, and citrus Huanglongbing are changing pest dynamics and threatening crops across the continent. The seminars will highlight the role of the CGIAR GHU's and national and regional plant protection organizations in preventing the introduction and spread of these pests.

### Program:

Time (UTC -5)	Topic and presenter
09:00 – 09.10 am	<b>Welcome and introduction</b> Jan Kreuze (CIP, Peru)
09:10 – 09:30 am	<b>Phytosanitary measures for safe distribution of maize and wheat germplasm from CIMMYT to the world</b> Amos Alakonya (CIMMIYT, Mexico)
09:30 – 09:50 am	<b>Challenges in phytosanitary surveillance for the international distribution of germplasm: Phytosanitary evaluation of the cassava collection</b> Maritza Cuervo (CIAT, Colombia)
09:50 – 10:10 am	<b>CIP's Health &amp; Quarantine Unit role in transboundary pest prevention in Germplasm</b> Giovanna Muller (CIP, Peru)
10:10 – 10.30 am	<b>Emerging regional threats to agriculture in the Andean region</b> Camillo Beltran, Comunidad Andina (CAN, Peru)
10.30 – 10.50 am	<b>Preventing the dissemination of zebra chip and the potato psyllid in South America</b> Jorge Andrade (CIP, Peru)
10:50 – 11.00 am	<b>Closing remarks</b> Jan Kreuze (CIP, Peru)



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## Africa Session

12 November 2020, Thursday

13:00 -15:00 Nigeria-Europe Time Zone (UTC +1)

The seminars will focus on emerging pest and pathogen threats to food staples, trees, and forages in Africa. The sub-Saharan Africa has been grappling with several introduced exotic threats such as maize lethal necrosis, banana bunchy top, *Fusarium oxisporum* Tropical Race 4, fall armyworm, cassava brown streak, *Tuta absoluta*. The seminars will highlight the role of CGIAR GHUs and national and regional plant protection organizations in prevention and containing the transboundary spread of emerging pests and pathogens.

Program:

Time (UTC +1)	Topic and presenter
13:00 – 13.10	<b>Welcome and introduction</b> Lava Kumar (IITA, Nigeria)
13:10 – 13:25	<b>Emerging phytosanitary risks to African agriculture and trade</b> Jean Gérard Mezui M'Ella (Director, Inter-African Phytosanitary Council)
13:25 – 13:40	<b>Bioprotection to African rice germplasm</b> Marie-Noelle Ndjiondjop (AfricaRice, Cote d'Ivoire)
13:40 – 13:55	<b>Monitoring banana germplasm health for international transfers</b> Sebastien Massart (Alliance Bioversity-CIAT & University of Liège)
13:55 – 14.10	<b>Protecting African tree germplasm from invasive and native biotic threats</b> Alice Muchugi (World Agroforestry Center, Kenya)
14.10 – 14.25	<b>Forage seed health protection</b> Alemayehu Teressa (ILRI, Ethiopia)
14:25 – 14.40	<b>The "GreenPass" germplasm protocol for phytosanitary safe exchange of germplasm from CGIAR</b> Lava Kumar (IITA, Nigeria)
14:40 – 14.50	<b>Closing remarks</b> Obaje John (Nigerian Agricultural Quarantine Services, Nigeria)
14:50 – 15:00	<b>Vote of thanks</b> M Abberton (IITA, Nigeria)



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## GHU Webinars Conclusions and Way forward

13 November 2020, Friday

13:00 -15:00 Nigeria-Europe Time Zone (UTC +1)

This session will present key findings and recommendations from each webinar session, followed by an expert panel discussion on the needs for enhancing phytosanitary safety to prevent the transboundary spread of pests and pathogens, and key recommendations and way forward plan for GHU future action.

### Program:

Time (UTC +1)	Topic and presenter
13:00 – 13.10	<b>Welcome and introduction</b> Lava Kumar (IITA, Nigeria)
13:10 – 13:45	<b>Session summary reports – highlights and recommendations</b> Asia session (Rajan Sharma, ICRISAT, India) Latin America session (Jan Kreuzer, CIP, Peru) Africa session (Alice Muchugi, ICRAF, Kenya)
13:45 – 14:45	<b>Panel discussion – Needs for enhancing phytosanitary safety for transboundary pest prevention</b> Moderator: Mirko Montuori, IYPH Project Officer, FAO-IPPC, Rome
14:45 – 15.00	<b>Closing remarks</b> Lava Kumar (IITA, Nigeria)



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