

APPPC update

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30th TC-RPPOs

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List of 25 Countries Member of the APPPC




- Australia (AUS)
- Bangladesh (BDG)
- Cambodia (CAM)
- China (CHN)
- Fiji (FJI)
- France (FRA)
- India (IND)
- Indonesia (IDN)
- Korea, Democratic People's Republic (PRK)
- Korea Republic of (KOR)
- Laos People Democratic Republic (LAO)
- Malaysia (MYS)
- Myanmar (MMR)
- Nepal (NPL)
- New Zealand (NZL)
- Pakistan (PAK)
- Papua New Guinea (PNG)
- Philippine (PHL)
- Samoa (WSM)
- Solomon Island (SLB)
- Sri Lanka (LKA)
- Thailand (THA)
- Timor-Leste (TLS)
- Tonga (TON)
- Vietnam (VNM)

Standing Committees assisting in the implementation of the APPPC work plan

- APPPC Standard Committee
- Committee on Plant Quarantine
- Committee on IPM
- Committee on Pesticide Management.

Governing Body- Biennial Session

-reviews the progress, discuss and adopt work plan for the commission including financial matter



Activities of APPP in 2018

- **ISPMs-implementation, inputs to the draft ISPMs**
 - 1) **Workshop on plant health surveillance info mgt-3rd**, Shanghai, China, 28 May-1 Jun.
- data collection, data consolidation, data verification, data management as well as data analysis and reporting
 - 2) **Regional consultation on review of 6 draft ISPMs (1st/2nd consultation)**-18 countries, Seoul, Korea, 10-14 Sept
- 431 country draft comments-OCS, resulted 56 regional comments)
 - 3) **Global symposium on e-Phyto (IPPC/APPPC)**, 22-26 Jan. Kuala Lumpur, Malaysia
 - 4) **APPPC WG meeting on e-Phyto**, 21 Jan. KL, Malaysia
- discussed draft APPPC strategy on development of e-Phyto)
 - 5) **APPPC regional meeting on e-Phyto** (joint: APPPC-Australia-Japan, 13-15 countries), 11-12 Dec. Tokyo, Japan
- review progress of Hub and GeNS development and piloting, demo-Hub/GeNS, identify challenges, action plan, etc.)

Activities of APPP in 2018

- **Development of RSPMs (commodity)-trade facilitation**
RSPM: International Movement of Mango Fruit [APPPC draft RSPM mango Fruit2018.docx](#)
RSPM: Certification of Chili Seeds
- specifications-developed, RSPMs are under draft;
- the draft RSPM on mango fruit-sent to IPPC Secretariat on 11Sept.
APPPC SC meeting: - consultation on mango-9 Sept.; contribution to IPPC-SC
- **Regional coordination on CPM**
APPPC regional consultation on CPM13 agenda, 15 April

Activities of APPP in 2018

- **Regional cooperation/coordination on risk reduction of potential introduction of SALB**
Regional workshop on SALB (3-7 Dec. Malaysia)
- Training of trainers (follow up after training in Brazil in 13-17 Nov. 2017)
- knowledge of SALB, detection methods: morphology and molecular techniques
- **Promotion of new tech-SIT trades Regional workshop on fruit fly management for mangos,**
Regional workshop on fruit fly management for mangos (19-23 Mar. Thailand)
(APPPC-IPM-SC): area-wide IPM, application of sterilized insect techniques (SIT), FF monitoring, sampling, etc
- **Pesticide risk reduction**
Workshop on pesticide quality control: (APPPC Pesticide-SC) 25-28 Jun. Beijing, China

APPPC surveillance implementation work plan (2016–2021)

- 2016: [Plant health surveillance management systems](#)
- 2017: [Plant health surveillance planning, coordination and delivery](#)
- 2018: [Surveillance information management systems](#)
- 2019: Surveillance [statistical analysis, mapping, intelligence generation](#)
- 2020: Surveillance [communication, reporting and response](#)
- 2021: Surveillance [pest free area establishment](#)



Workshop on Pest Surveillance
28 May-1 June 2018, Shanghai, China

Capacity development for plant pest and pesticide risk reduction

- More than 20 FAO field projects have been implemented in member countries
- Relating to pest surveillance, seed health, agro-ecology, biological control, crop & soil health, pest management and pesticide risk reduction

List of FAO projects implemented in 2018

No	Project Code	Title
1	GCP/RAS/297/JPN	Improving capacities of phytosanitary inspection and integrated measures for international movement of seeds
2	MTF/RAS/258/MUL	Special Plant Protection Agreement for the Asia and Pacific Region Trust Fund
3	TCP/RAS/3619	Capacity development on diagnostic and surveillance system of banana Fusarium wilt disease (TR4)
4	GCP/RAS/288/AIT	Sustainable and enhancing the momentum for system of rice intensification (SRI)-GMS countries
5	TCP/RAS/3607	Emergency assistance to strengthen regional resilience in the management of the Yellow-Spined Bamboo Locust (YSBL) in Lao PDR and Viet Nam
6	GCP/RAS/229/SWE	Pesticide Risk Reduction in the South East Asia (IPM component) in GMS countries
7	GCP/RAS/065/GEF	Preparation of full project investment for pesticide risk reduction in Bangladesh
8	TCP/VIE/3601/C1	Tackling emerging diseases of Cassava
9	TCP/CMB/3604	Strengthening Capacity in Managing the Incursion of Cassava Mosaic Virus Infestation in Cambodia
10	TCP/CPR/3603	Integrated detection and management of the Southern Rice Black-Streaked Dwarf Virus (SRBSDV)
11	TCP/CPR/3504	Promotion of Climate-Smart Agriculture through Improving Crop Residue Utilisation and Soil Fertility Management on the Huaibei Plains, Anhui Province

12	UTF/IND/195/IND - UPWSRP-II FWS TAC	Technical Assistance For Farmer Water School Programme And Agricultural Activities Under UPWSRP II
13	TCP/INS/3604/C2	Support for the development of organic villages
14	TCP/CPR/3605	Developing the TCP on Reducing the Risks of Fertilization for Improved Agro-ecological System in Xinjiang Ethnic Minority Areas
15	TCP/LAO/3601/C1	Save and Grow FFS-Rice initiative
16	TCP/SRL/3606	Development of site-specific fertilizer management systems
17	TCP/TIM/3605/C4	Develop the regulation on pesticides and use of chemicals
18	GCP/CPR/060/GEF	On-farm Conservation and Sustainable Use of Genetic Diversity of Crops Originated in China
19	TCP/CPR/3608	Reducing food loss and improving agricultural ecology based on pest rodent management
20	TCP/NEP/3701	Strengthening agro-ecosystems resilience for climate change adaptation to improve food and nutrition security
21	TCP/DPK/	Promotion of capacity in biocontrol for sustainable greenhouse vegetable production


Challenges-emerging plant health issue

Fall armyworm (FAW), *Spodoptera frugiperda*, is in Asia !



FAW is in India, Asia ! – cont.

- 1st Observation of FAW on 18 May 2018 in Shivamogga, Kamataka
 - Both morphological and molecular techniques confirmed
 - FAW alert was issued on 30 July by the National Bureau of Agricultural Insect Resources
- Unofficial reports of incidence of FAW are rapidly emerging from several states in India, including Andhra Pradesh, Maharashtra and Tamil Nadu.



FAW-Challenges to the countries in Asia

- Potential risk of rapid spread of FAW in Asia
 - capability of long distance migratory characteristics
 - suitable climatic conditions
 - 80 host plants
 - land-border countries-21 (South Asia, SE-Asia, East Asia)
- Challenge to food security
 - 80% of the region's farmlands cultivated by small scale farmers
 - rice and maize-most produced and consumed cereals
 - 200 million hec. of maize and rice/year in Asia
 - 90 percent of the world's rice is produced, consumed in the Asia- Pacific region
- New pest! Lack of expertise
- Requirement of large volume of funding support to countries
 - capacity development (CD) in field monitoring
 - CD in management (IPM/biocontrol)
 - TOT/FFS

FAW: What actions APPPC/FAO has done so far in Asia

- Alert countries in the region for precautions and proactive arrangements (Aug.)
- Discuss possible assistance with Indian counterparts (Aug.)
- Sent references-web link, produced by FAO-HQ on FAW (i.e. factsheet, mobile app-FAW, IPM and FFS guidelines, Q & A, etc.
- Briefed the status of FAW in India/region to 18 countries that participated in the APPPC regional workshop on IPPC/APPCC (Sept.) by adding a specific agenda
- Distributed video on FAW and biocontrol to countries

FAW: The way forward-potential actions

- Monitoring update status-spread of FAW
- Facilitation of information sharing
- Encouraging India/countries to use of FAWIEWS (FAW early warning system platform)
- Provision of technical assistance upon request
- Training
 - TOT for monitoring FAW
 - TOT for IPM and biocontrol of FAW
- Partnership
 - Sharing expertise and resources for FAW management and for FFS
 - Multi-lateral collaboration among regions
 - Donor support-funding

Collaboration

- APPCC-IPPC
 - Review of draft ISPMs (1st/2nd consultation-7 drafts ISPMs)
 - International symposium on ePhyto (Jan. 2018, Malaysia)
 - Implementation of IPPC/APPCC surveillance program
 - Information exchange through IPP (APPCC web-IPP, case studies)
 - Facilitation of update country pages-IPP through monitoring and reminding IPPC-NPPOs
- APPCC-PPCC
 - Trainings and workshops, etc.
- APPCC-Brazil NPPO
 - SALB: 14 pathologists from Asai have been participated in a training WSP on diagnostics
- ❖ APPCC-NAPPO-RPPOs: FAW management-pending

PESTICIDE RISK REDUCTION - FAO'S INTEGRATED APPROACH



Regulatory control:
Strengthen regulatory control of the importation, distribution and use of pesticides



Farmer education:
Promotion of Integrated Pest Management (IPM) to:

- eliminate pesticide overuse,
- reduce reliance on pesticides,
- end use of WHO Class I pesticides

Thanks