


APPPC update

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(Executive secretary)

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Asia and Pacific Plant Protection Commission (APPPC)

Established in 1956

for

► Plant Protection Agreement for the Asia and Pacific Region

(Signed, entry into force in 1955)

- Under the **Article XIV** of the Constitution; FAO provides secretary service to APPPC
- **Statutory body** of FAO (open to UN members including non-FAO membered)
- **Rules-** procedure & finance (Guided and assisted by HQ legal office and CSF)

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 2017

➤ 10 workshops/trainings

2017	2018-Jan.
10	1

➤ ISPMs-implementation, inputs to the draft ISPMs

- **Workshop on surveillance**, Chiang Rai, Thailand, 17-21 Jul.

(fundamentals of designing, planning, coordinating & delivering surveillance activities and programmes)

- **review of 7 draft ISPMs** (1st/2nd consultation)-21 countries, Busan, Korea, 4-8 Sept

➤ information exchange through IPP/APPPC web

➤ RSPMs-development, APPPC-SC (11-12 May 2017, BKK, Thailand)

One RSPM has been developed: “Hot water immersion treatment for fruit flies in mangoes”

➤ APPPC planning workshop for 2018-2019 (8-10 May, 2017, Bkk, Thailand)

➤ IPM-for eco-health/plant health

➤ Pesticide regulatory management and risk reduction



APPPC surveillance implementation work plan (2016–2021)

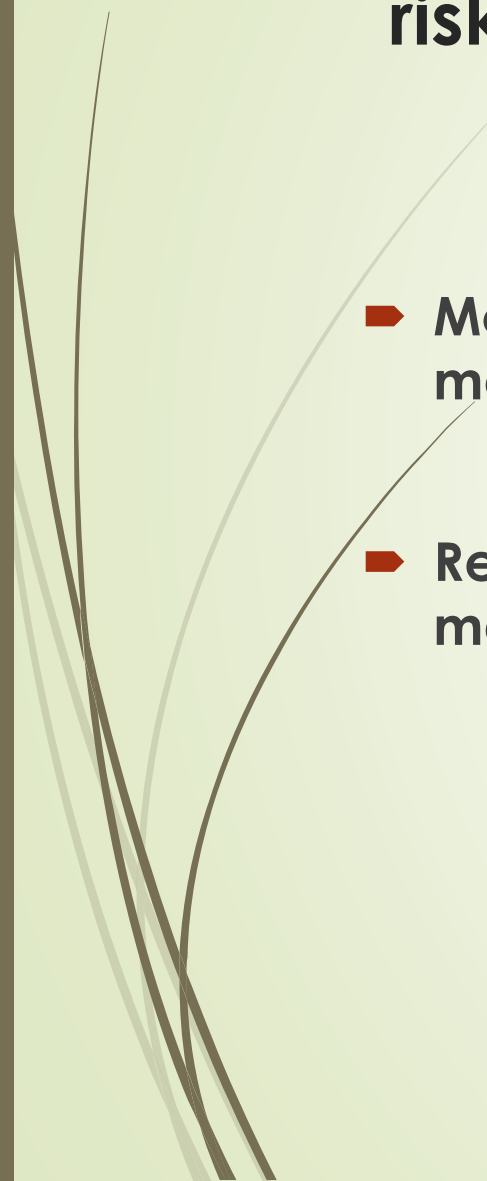
- **2016: Plant health surveillance management systems**
- **2017: Plant health surveillance planning, coordination and delivery**
- **2018: Surveillance information management systems**
- **2019: Surveillance statistical analysis, mapping, intelligence generation**
- **2020: Surveillance communication,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

Reporting statistic in IPP of Asia

NRO	No of countries reporting		No of report		New reporting		Updating	
	2016	2017	2016	2017	2016	2017	2016	2017
Description of the NPPO	16	17	26	27	6	1	15	4
Pest reporting	12	13	50	55	10	5	12	7
Emergency action	3	3	5	5	1	0	4	0
List of regulated pests	14	15	39	41	6	2	10	3
Entry points	16	18	22	27	6	5	13	7
Legislation: phytosanitary requirements / restrictions / prohibitions	16	17	104	115	10	11	32	51
Non-compliance	3	4	8	10	4	2	1	6
Organizational arrangements of plant protection	8	9	10	12	5	2	6	3
Pest status	6	7	17	18	1	1	7	5
Rationale for phytosanitary requirements	4	5	4	5	1	1	1	2



Capacity development for plant pest and pesticide risk reduction

- More than 23 FAO field projects have been implemented in member countries
 - Relating to pest surveillance, seed health, crop & soil health, pest management and pesticide risk reduction
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List of FAO projects

No	Project Code	Tittle
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	GCP/RAS/286/ROK	Plant pest surveillance and information management in Sotheastern Asian countries
4	TCP/VIE/3601/C1	Tackling emerging diseases of Cassava
5	TCP/CMB/3604	Strengthening Capacity in Managing the Incursion of Cassava Mosaic Virus Infestation in Cambodia
6	TCP/CPR/3603	Integrated detection and management of the Southern Rice Black-Streaked Dwarf Virus (SRBSDV) in Guizhou Province
7	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
8	TCP/CPR/3504	Promotion of Climate-Smart Agriculture through Improving Crop Residue Utilisation and Soil Fertility Management on the Huaibei Plains, Anhui Province
9	TCP/INS/3601	Strengthening and Revitalization of IPM implementation and Pesticide management system
10	GCP/RAS/229/SWE	Pesticide Risk Reduction in the South East Asia (IPM component)

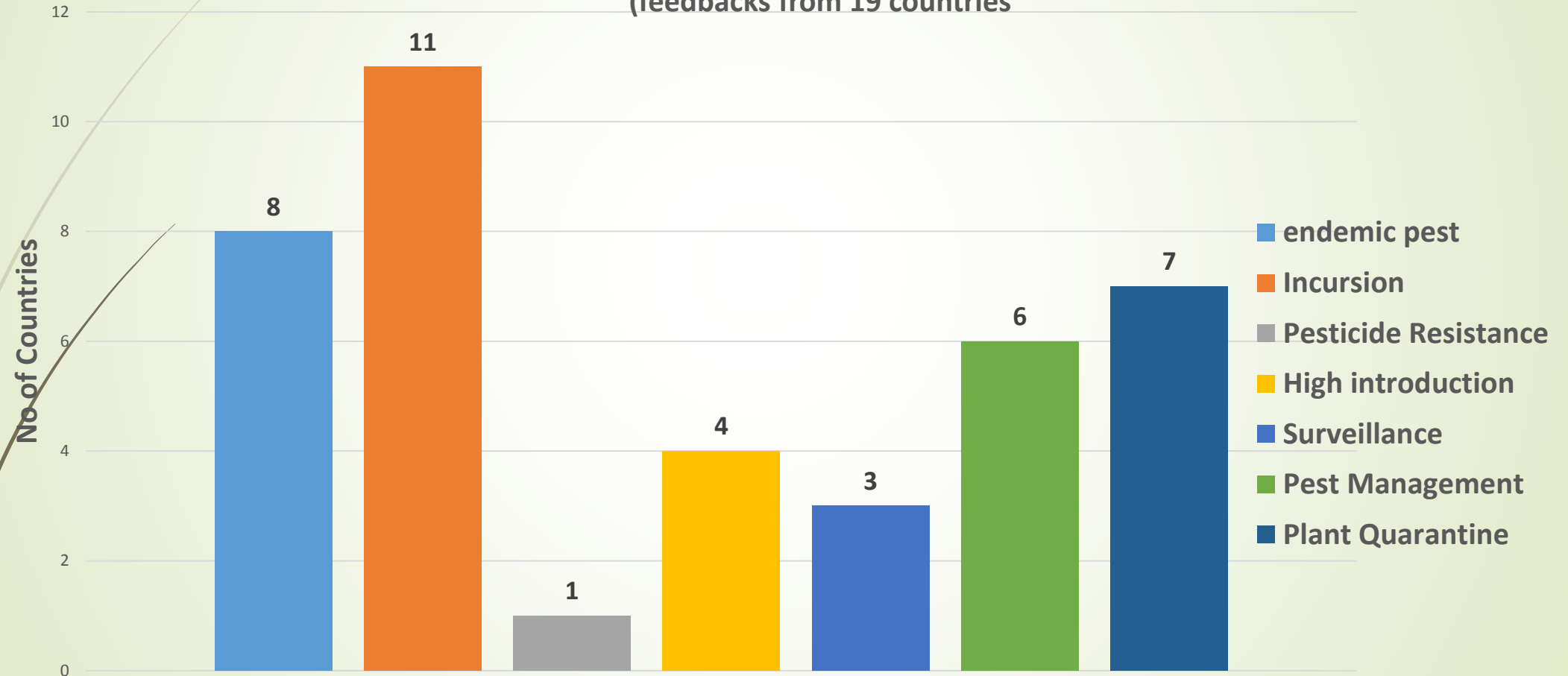
11	TCP/CPR/3503	Development and extension of safe and high-yielding technologies for winter season vegetable production in Hainan Province
12	UTF/IND/195/IND UPWSRP-II FWS TAC	- Technical Assistance For Farmer Water School Programme And Agricultural Activities Under UPWSRP II
13	TCP/INS/3604/C2	Support 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	Save and Grow FFS
16	TCP/PHI/3602/C1	Assessment and consolidation of FFS
17	GCP/RAS/288/AIT	Sustainable and enhancing the momentum for system of rice intensification (SRI)-GMS
18	TCP/SRL/3606	Development of site-specific fertilizer management systems
19	GCF/RAS/060/GEF	Preparation of full project investment for pesticide risk reduction in Bangladesh
20	TCP/TIM/3605/C4	Develop the regulation on pesticides and use of chemicals
21	GCP/RAS/229/SWE	Pesticide Risk Reduction in the South East Asia (policy component)
22	TCP/NEP/3502	Strengthening pesticide management in agriculture to reduce risks to health and environment
23	GCP/RAS/263/GEF	Pacific POPs release reduction through Integrated management of solid and hazardous wastes

Challenges-emerging plant health issue

- Survey on emerging plant health issue -August 2017
- Feedbacks from 19 countries
 - High incursion pests through increased volume of trade and digital trading
 - Lack of expertise in inspection and insufficient equipment among the reasons of higher introduction of pests into the region.
 - The movement of plants and plant products through the digital marketing exposed risks of spread of pest.
 - emerging of endemic pests causing severe losses to the crops is the main concerns by countries.
 - Surveillance is considered as the core activity for effective and efficient control decision of pests.

Emerging PH issue

Chart 1: List of issues and no of countries reported
(feedbacks from 19 countries)



Emergence of domestic and exotic pest outbreak

- The changing cultivation pattern including introduction on high yielding varieties, pesticides usage, inorganic fertilizer and impacts of climate changes to the agriculture industry have increased the incidence of pest outbreaks in the region.
- Invasive species such as Fusarium wilt TR4 disease of banana may decapitate the national and international trade and affect 7 million small farmers' livelihoods.
- Emergence of yellow bamboo locust, tomato leafminer, cassava mosaic virus, Khapra beetle and Parthenium weed could cause severe losses to the respective industry if no proper mitigations are in place.



Collaboration

➤ APPPC-IPPC

- Review of draft ISPMs (1st/2nd consultation-7 drafts ISPMs)
- International symposium on ePhyto (Jan. 2018, Malaysia)
- Implementation of IPPC/APPPC surveillance program
- Information exchange through IPP (APPPC web-IPP, case studies)
- Facilitation of update country pages-IPP through monitoring and reminding IPPC-NPPOs

➤ APPPC-PPPC

- Trainings and workshops, etc.

➤ APPPC-Brazil NPPO

- SALB: 14 pathologists will participated in a training WSP on diagnostics

APPPC Planning Meeting & Standard Committee Meeting on RSPM 8-10 May 2017, Thailand



- Discuss and draft WP for 2018-2019- proposal to the session to consider
- Discuss potential budget and draft proposal on assessed contribution level
- Discuss and adopt draft RSPM: –hot water treatment for mangoes for fruit fly

CD-implementation of ISPMs

Training Workshop on Pest Surveillance 17-21 Jul 2017, Chaing Rai, Thailand



Regional workshop on review of draft ISPMs 4-8 Sept. 2017, Korea



Workshop on farmer empowerment-IPM

27 Feb-2 Mar. 2017, Nepal





Thanks