



Commission on Phytosanitary Measures | 20th Session

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**Egypt: Active pest surveillance and data collection
fueling agricultural market access**

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Egypt's Plant Health and Phytosanitary Context

- Egypt is a leading agricultural exporting country in Africa and the Near East region.
- In 2025, Egypt exported approximately **9.5 million tons of agricultural products** to international markets.
- Maintaining plant health and phytosanitary compliance is essential to sustain export growth and ensure market access.
- The NPPO of Egypt plays a central role in pest surveillance, inspection, and phytosanitary certification.
- Increasing pest risks, climate change, and stricter international requirements have highlighted the need for more systematic and data-driven pest surveillance.



Key Phytosanitary Challenges Before APP in Egypt

Rising demand for evidence-based pest surveillance to support export certification and market access.

Need to enhance early detection and rapid response to quarantine pests.

Limited use of digital surveillance tools for field inspectors.

Need for harmonized data collection aligned with international standards (ISPMs).

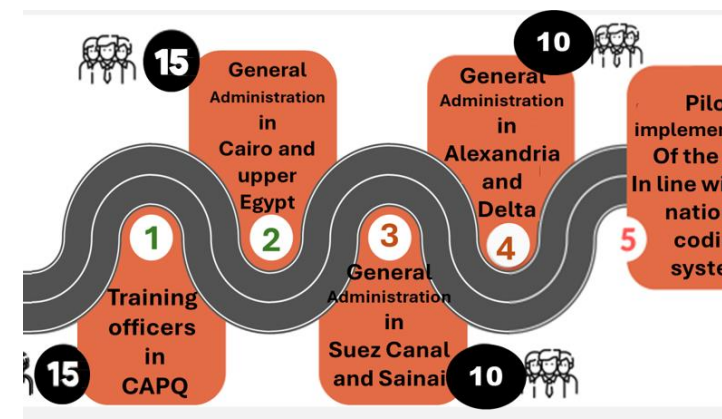
Capacity gaps in large-scale, technology-supported pest monitoring.

Expanding agricultural exports required stronger surveillance to maintain pest-free status and facilitate safe trade.



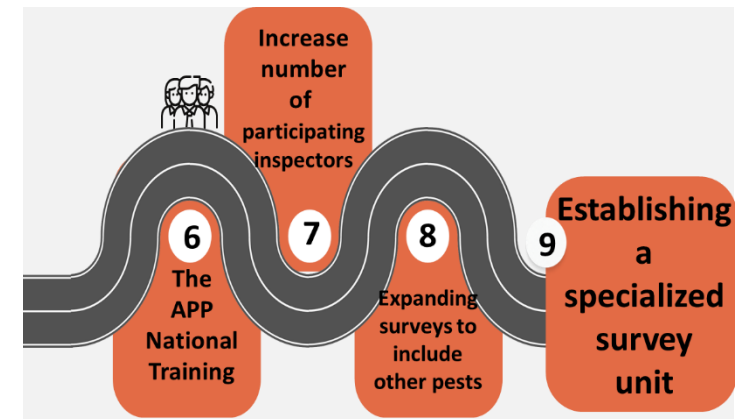
Introduction and Utilization of the Africa Phytosanitary Programme (APP) in Egypt

- Egypt joined the Africa Phytosanitary Programme (APP) to strengthen national pest surveillance and phytosanitary capacity
- APP tools were utilized to enhance structured pest surveillance and field monitoring systems
- The programme supported digital data collection, pest surveys, and evidence-based reporting
- APP contributed to improving pest status validation through officially documented national surveys
- The programme also supported Pest Risk Analysis (PRA) processes and development of technically sound mitigation measures



Implementation Milestones of APP in Egypt

- APP officially launched in Egypt in September 2023.
- Participation in Training of Trainers (ToT) for Phase One countries.
- Pilot implementation launched during the grape season in May 2025 targeting **Peach Fruit Fly (*Bactrocera zonata*)**.
- Data collection continued during mango and citrus seasons.
- Establishment of a dedicated survey unit to manage and sustain the programme.
- Receipt and deployment of equipped traps and surveillance materials (December 2025).



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APP National Training October - 2025



Implementation Milestones of APP in Egypt Cont.

- National APP Training conducted in October 2025
- **71 inspectors** trained from different Egyptian plant quarantine administrations.
- Training covered pest identification, surveillance methods, digital tools (Field Map & ArcGIS), and data analysis
- Tablets provided by the IPPC Secretariat enhanced real-time field data collection.
- Strengthened technical capacity for early pest detection and improved phytosanitary decision-making.





Capacity Building and Inclusive Leadership under APP in Egypt

Training Activity	Date	Participants
First National Refresher Training	30 April 2025	16 Inspectors
Second National Refresher Training	20 May 2025	20 Inspectors
National APP Training	October 2025	74 Inspectors

Total Inspectors & Trainees Trained:

• **110**

Women Participation

• **40%**

National APP Management Team:

• **10 Members**

Women in Management Team:

• **6 Members (60%)**

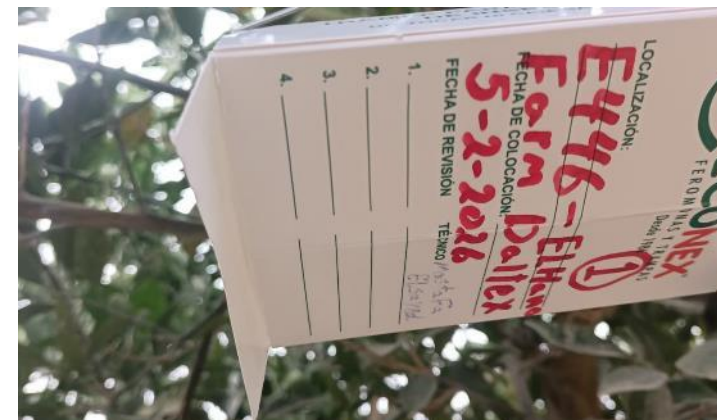
Implementation Milestones of APP in Egypt Cont.

- Raising awareness is a cornerstone of the success of any pioneering program.
- The Central Administration for Plant Quarantine (CAPQ), in cooperation with the Agricultural Export Council, prepared a series of workshops to raise awareness among a number of owners of exporting farms and exporting packing houses, in order to encourage and enhance their cooperation in implementing the programme.



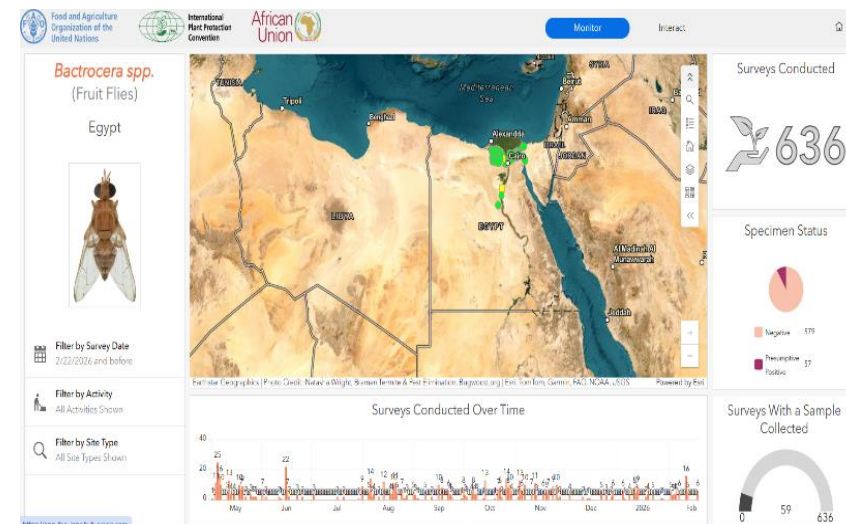
Integration of APP into Egypt's National Phytosanitary System

- APP activities were officially integrated into the national NPPO surveillance system.
- Programme activities were linked to the national coding and monitoring system
- Establishment of a dedicated survey team to manage, monitor, and evaluate implementation.
- Development of national survey strategies aligned with APP methodology.
- Continuous field implementation across citrus, mango, and grape production areas.



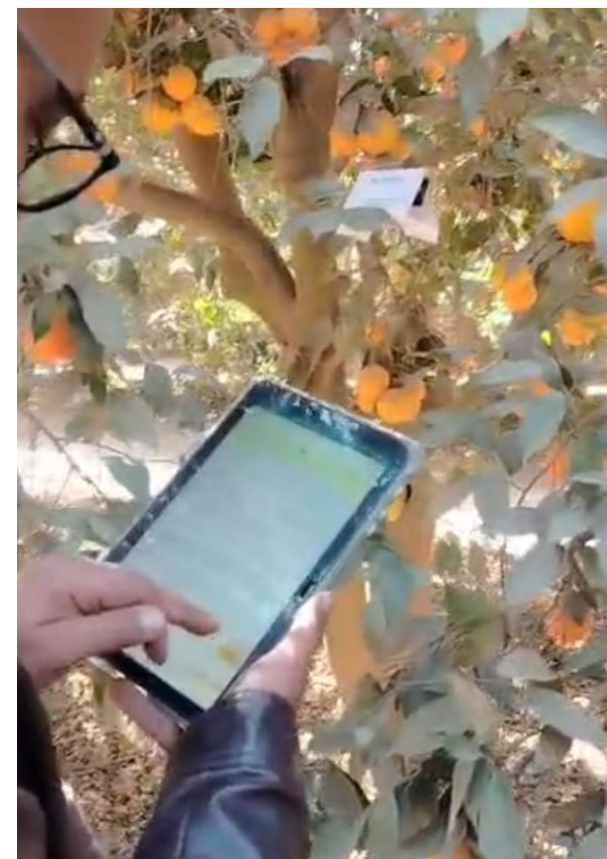
National Contributions and Commitment to APP Sustainability

- **Field Implementation (Since May 2025)**
 - **638 active-surveillance points** nation wide:
 - **338 citrus**
 - **100 mango**
 - **190 grapes**
 - **10 other hosts**
- **National Financial Contributions (Indicative):**
 - Transportation support: ~ **USD 17,000**
 - Travel allowances: ~ **USD 9,600**
 - Field supplies (600 traps & pheromones): ~ **USD 970**
 - National refresher trainings: ~ **USD 1,200**



National Contributions and Commitment to APP Sustainability

- **In-Kind Contributions**
 - **Two** national refresher trainings fully supported by Egypt
 - Multiple online trainings conducted by Egyptian trainers
 - Logistical support and operational supervision
 - National trainers



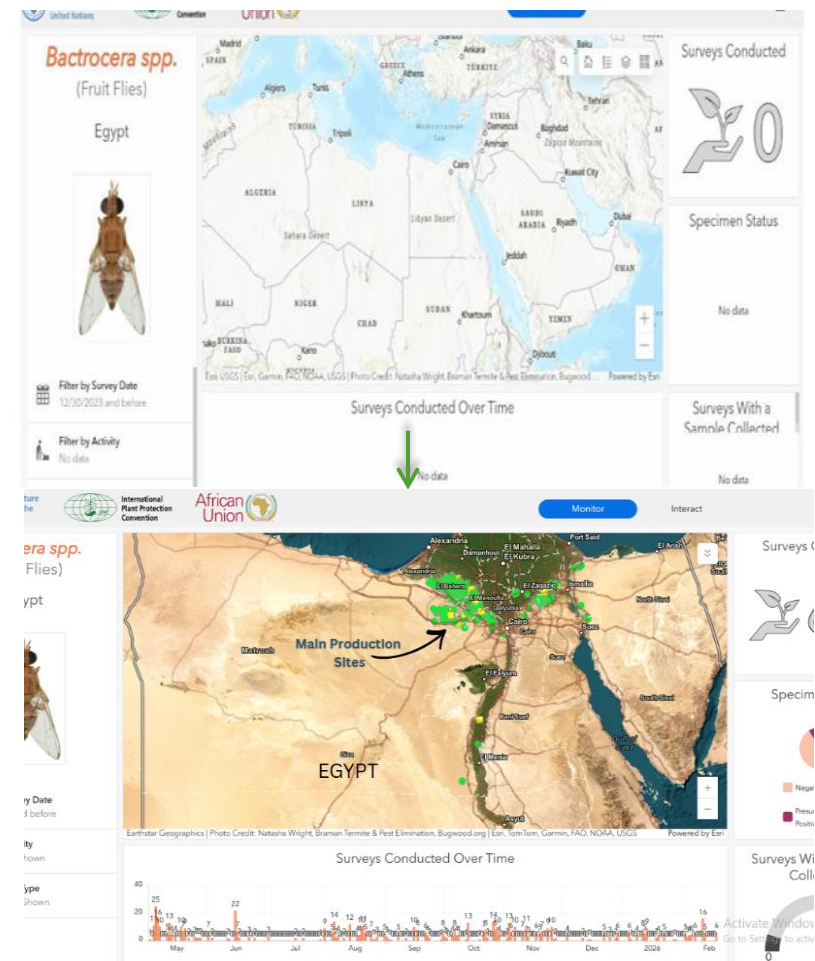
National Ownership and Long-Term Commitment

- Strong institutional commitment from NPPO of Egypt.
- Active engagement in APP implementation and scaling.
- Alignment with national phytosanitary strategy.
- Commitment to sustaining surveillance beyond external funding.
- Egypt views APP as a strategic tool for safe trade and food security.

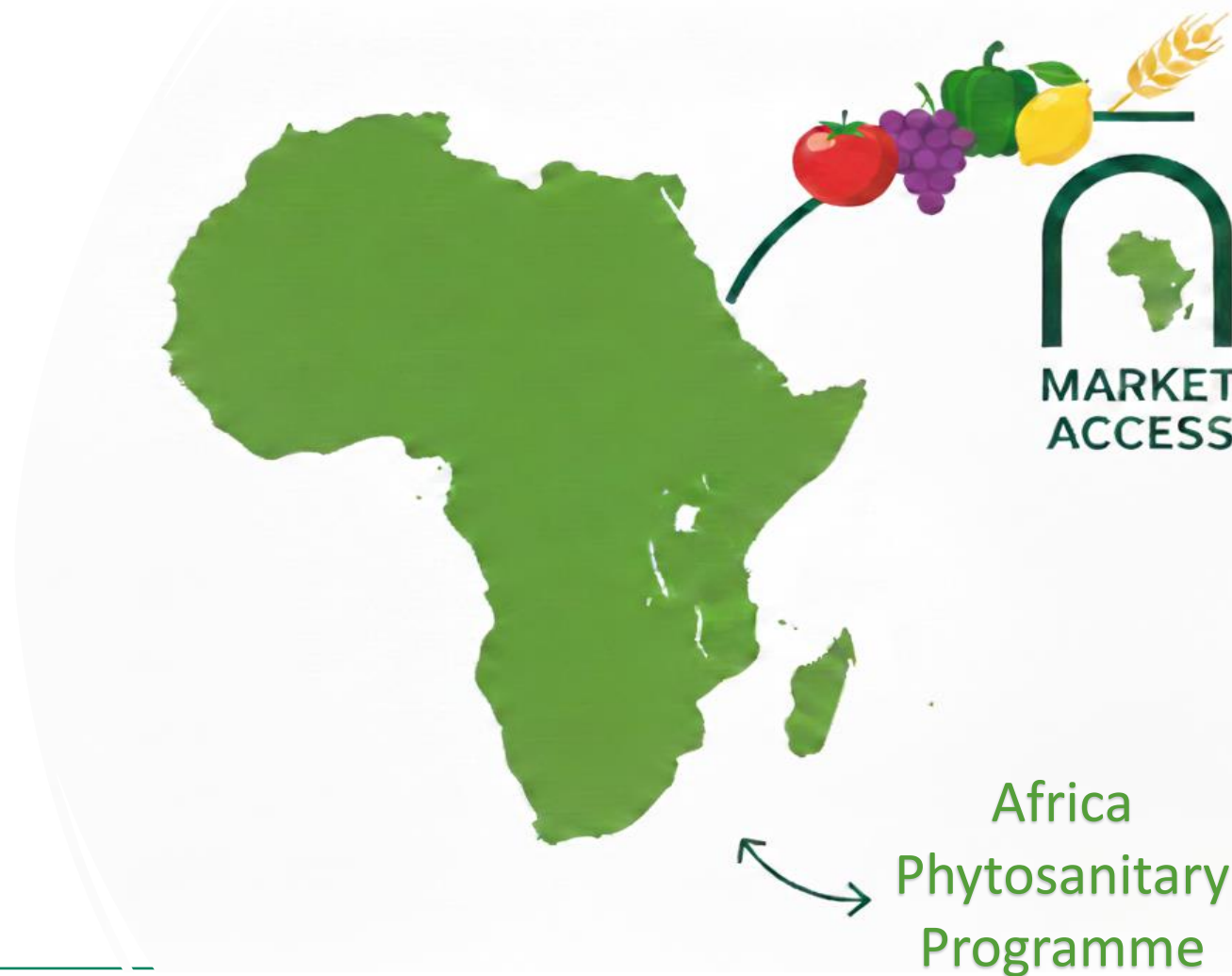


Key Technical Achievements under APP

- Structured national survey conducted for **Peach Fruit Fly (*Bactrocera zonata*)**.
- Digital recording of surveillance points using tablets and applications.
- Increased number of monitored trap points nationwide.
- Strengthened early detection and response capacity.
- Improved technical documentation supporting pest status validation.



APP fueling Market Access

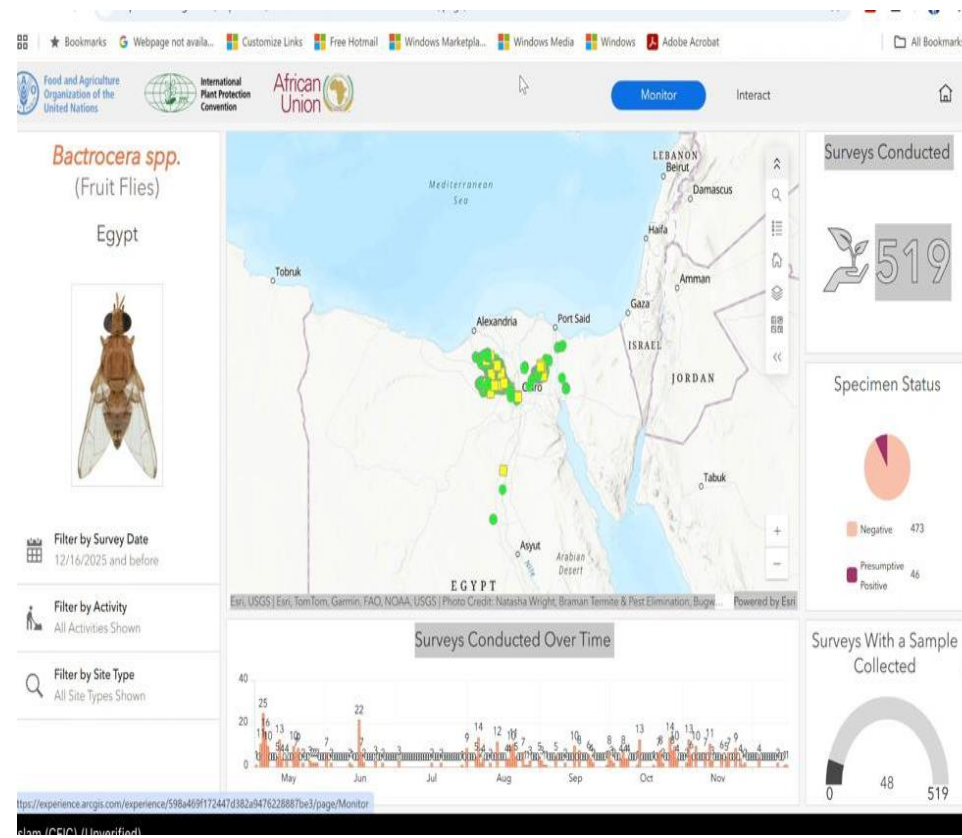


APP Impact on Market Access and Trade Facilitation

Strengthened pest
surveillance
supporting export
certification.

Harmonized and
documented pest
status data.

Improved technical
dossiers for
negotiations with
importing countries.



Market Access Achievements and Advanced Negotiations

Markets Officially Opened:

- Dominican Republic
- Peru

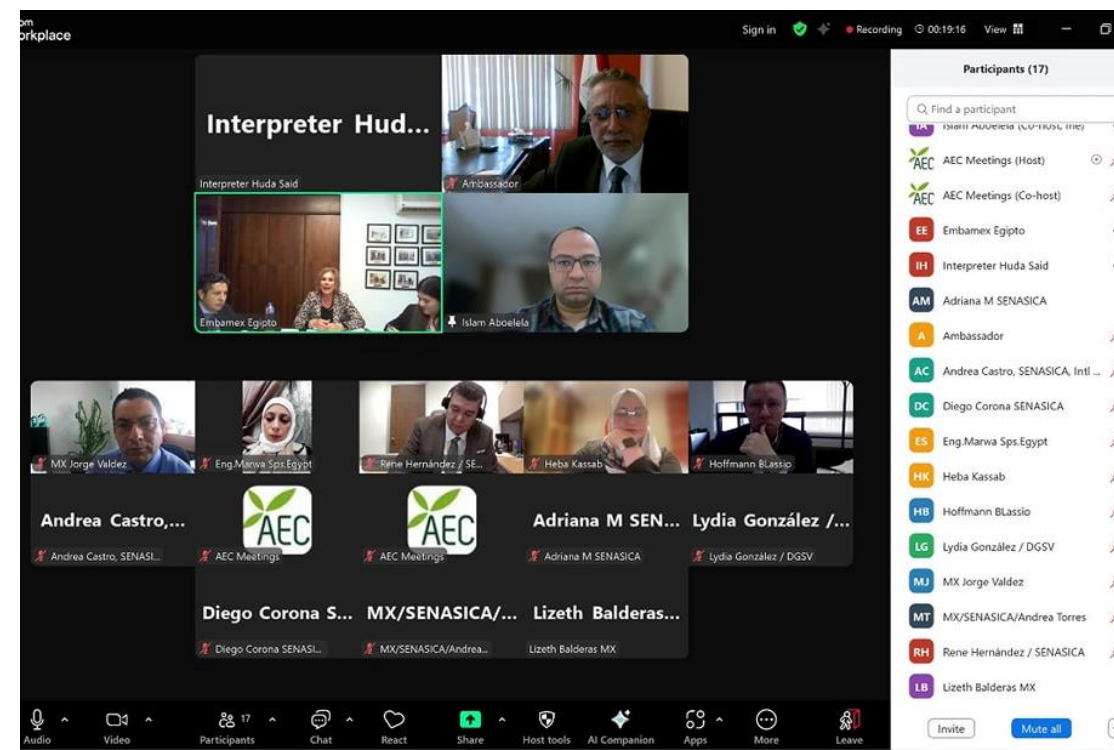
Advanced Technical Negotiations (Ongoing):

- China
- Japan
- New Zealand
- Mexico
- India
- Vietnam
- Several African countries



Use of APP Data During Inspection Missions and Bilateral Reviews

- APP surveillance results were presented during periodic inspection missions.
- Technical data shared with visiting delegations, including Jordan and Japan.
- Structured survey reports enhanced transparency and confidence.
- Digital documentation strengthened pest status validation discussions.



Lessons Learned

- Digital tools significantly enhance surveillance efficiency.
- National ownership is essential for sustainability.
- Continuous training is key to maintaining technical capacity.
- Structured pest data strengthens international credibility.
- Collaboration between NPPO, private sector, and partners ensures success.



Way Forward: Scaling and Strengthening APP in Egypt

- Expand surveillance coverage nationwide.
- Strengthen data analytics and reporting systems.
- Continue national funding support.
- Enhance regional collaboration and knowledge sharing.
- Position Egypt as a regional example for sustainable APP implementation.





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Thank you

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