

The Egyptian experience on pest reporting: Fall Armyworm case study

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Main points

- Time line
- Pest Reporting
- Challenges



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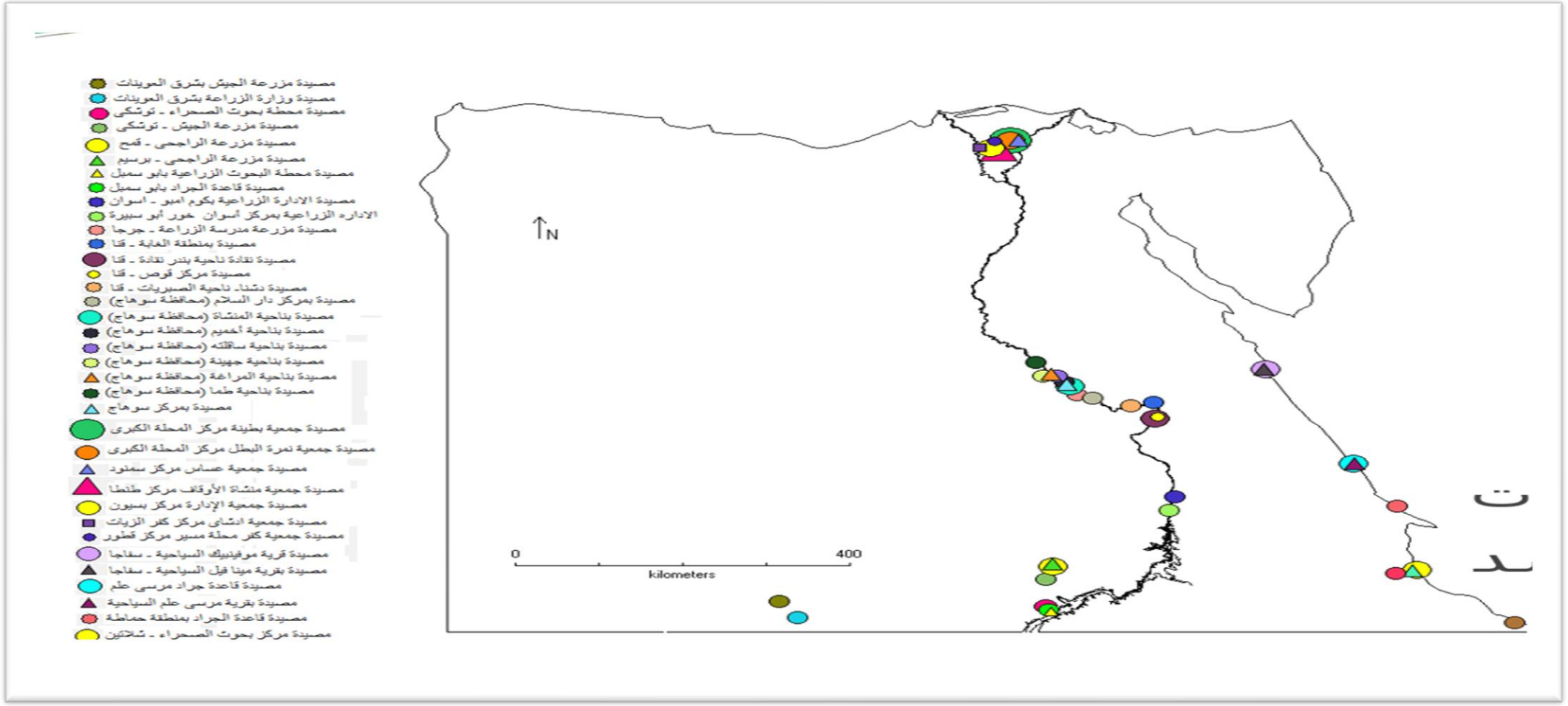
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Where we came from timeline

2016	2017	2017	2018	2018
Global alert	Composition of expert working group	Developing an exploratory plan to prevent the spread of pests	Establishment of crisis management committee	Ministerial Governing Body
Reports shared by USDA , FAO…etc on the status of pest in Africa	Study the reports of the pest	Expert groups formation	Installation of different types of trapes	Approximately 1.4 million insects were classified in 2018 alone.

Map of the traps 2018



Timeline continue

2018

Conduct Full PRA

By NPPO of Egypt in close coordination with Plant Protection Research Institute

2018

Awareness and training programs

- Plant Quarantine Inspectors.
- Pest Control , Extension and Horticultural Engineers.
- Sugar factories engineers.
- Field schools for farmers and stakeholders.

2018

Five pesticide control programs and their application timings have been established

(as an interim recommendation).

Pest control program for corn.

Pest control program for cotton.

Pest control program for vegetable crops.

Pest control program for sugarcane.

Pest control program for clover (alfalfa).

2019

In late February, certain specimens were morphologically identified and classified as fall armyworm

These were submitted via the Precautionary Measures Committee to the FAO office in Egypt, which subsequently forwarded them to CABI for identification through genetic fingerprinting.

2019

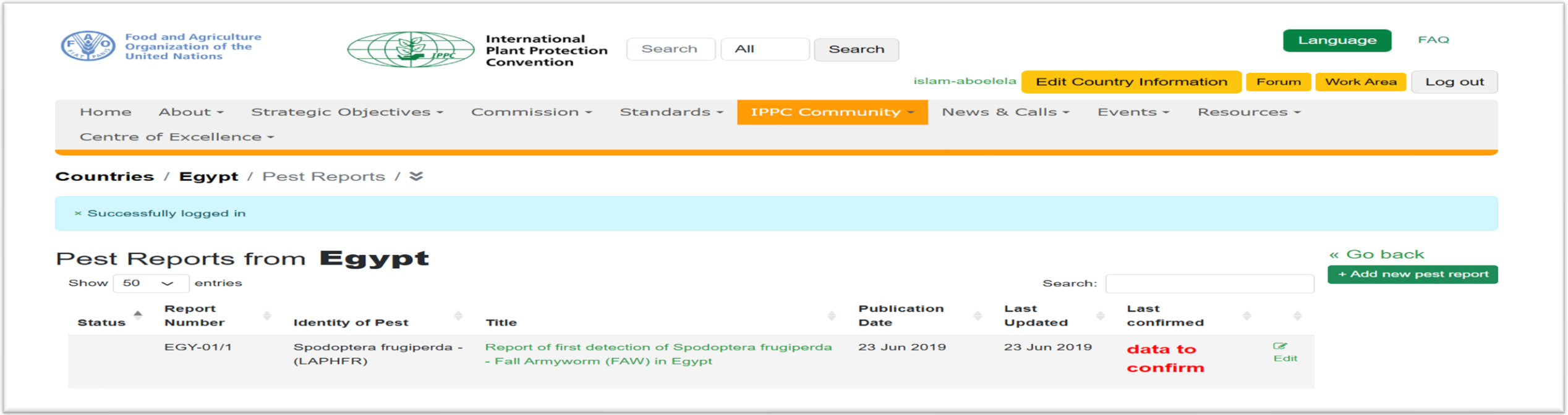
Official confirmation

On May 9, 2019, a letter was sent from the FAO to the committee, identifying the samples as fall armyworm.



Pest reporting

- CAPQ , The NPPO of Egypt took the mandate of first record and pest reporting.
- On June 23rd , the first report was published into IPPC portal and it was disseminated to all the stakeholders.



https://www.ippc.int/en/countries/egypt/pestreports/

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Very detailed information and locations were reported

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Ministry Of Agriculture and land Reclamation
Central Administration of Plant Quarantine
(CAPQ)
Phytosanitary Unit

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Report of first detection of Fall Armyworm (FAW) in Egypt

In accordance with ISPM № 17 (Pest reporting) Egypt would like to report the detection of the fall armyworm in Egypt

- **Name of the Pest:** *Spodoptera frugiperda* / Lepidoptera / Noctuidae) **(fall armyworm).**
- **Date of the report:** May 30th, 2019.
- **Host :** Maize (corn)
- **The status of the pest :** Present only in some areas (ISPM № 8) , very limited to specific areas as indicated below

FAW adult insects were detected in Aswan (Kom Ombo, Edfo) using pheromone traps to attract the insect, these insects were further diagnosed at Plant Protection Research Institutes.

No moth were observed for all the governorates of Upper Egypt, except in Aswan Governorate, A total of 119 moths of fall armyworms were observed in Kom Ombo and Edfu centers during the period from January 2019 to date, the insect samples were identified.

- **Geographical distribution**
  Limited to only two locations Kom Ombo and Edfu in one governorate (Aswan)



Fig 1: location of Aswan governorate in Egypt.

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Plenty of actions were taken from 2019 till today ,however a bigger challenges started at the end of 2025 where the has been first report of FAW on Egyptian strawberry fields , another success story of overcoming this challenge took place and Egypt notified the importing countries on the corrective and preventive actions





Challenges on pest reporting

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Distribution details in Egypt

Situation

Current pest situation evaluated by EPPO on the basis of information dated 2025: **Present, restricted distribution**

First recorded in: 2019

Pest status declared by NPPO: Present, with limited distribution (2025-07).

From CABI Disease map 1252 (2025): Present, restricted distribution

Comments

EPPO Reporting Service (2020/102) : detected in June 2019 from hybrid tomato (Solanum lycopersicum) collected in Fayoum and Ismailia Governorates.

EPPO Reporting Service (2020/125) : the NPPO considered that the above record is invalid, and officially confirmed the absence of the virus from its territory.

EPPO Reporting Service (2024/049) : detected in capsicum samples collected in 2016-2017. The current situation of this virus in Egypt needs to be clarified.

EPPO Reporting Service (2025/200) : following official surveys, the NPPO has declared that the virus is present with limited distribution within the country. No economic impact has been observed to date.

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