



Food and Agriculture  
Organization of the  
United Nations



International  
Plant Protection  
Convention

# Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*

**SERIES OF WEBINARS TO IMPLEMENT THE IPPC GUIDELINES**

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Food and Agriculture  
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## IPPC Webinar series

# Fall Armyworm a global threat to prevent

## Outline

1. Context
2. FAW global action plan
3. FAO/IPPC Technical Working Group
4. Webinar points
5. The guidelines
6. Q & A

## 1. Context: The IPPC

### Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*

- **Mission:** Protect global plant resources and facilitate safe trade.
- **Vision:** The spread of plant pests is minimized and their impacts within countries are affectively managed.
- Recognized as standard setting organization for plant health by the **WTO SPS Agreement** along with **Codex alimentarius** and OIE (“SPS sisters”).
- **184 Member Countries** as of April 2021.
- IPPC Secretariat collaborating with **10 Regional Plant Protection Organizations** and over **40 international organizations** – IPPC Secretariat is a member of the **Biodiversity Liaison Group (BLG)**.





## 1. Context: POARS & emerging pests

## Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*

**10 – 16%**

LOSS OF THE WORLD  
HARVEST



**40 %**

LOSS OF GLOBAL FOOD  
SUPPLY



**220 K**

MILLIONS OF DOLLARS



**1**

Commission on Phytosanitary  
Measures (CPM) Focus Group  
(FG) on Pest Outbreak Alert and  
Response Systems

**2**

Implementation and Capacity  
Development Committee (IC) Team on  
*Fusarium oxysporum* f. sp. *cubense*  
Tropical Race 4 (TR4)

**3**

FAO/IPPC Technical Working  
Group on Quarantine and  
Phytosanitary Measures for Global  
action on FAW control

## 2. The FAW Global action plan

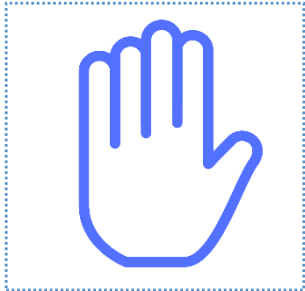
- **Reduce Crop yield loss of 5-10%** by applying area-specific IPM strategies in target countries
- **Prevent further spread to new areas** by applying phytosanitary measures
- **Conduct a global coordination**

## Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*



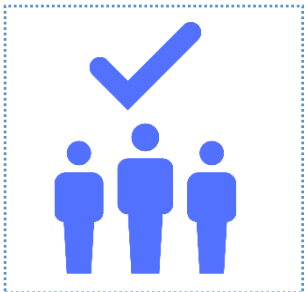
### 3. The FAO/IPPC Technical Working Group on Quarantine And Phytosanitary Measures For Global Action on FAW Control

#### Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*



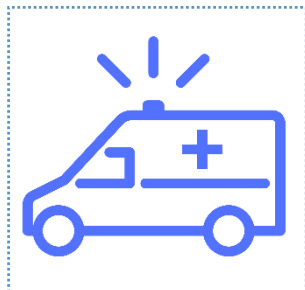
## Prevention

implementing and promoting globally **harmonized** quarantine and phytosanitary measures.



## Preparedness

implementing and promoting globally **harmonised** FAW surveillance, management and engagement resources.



## Response

promoting globally **harmonised** contingency and response resources and training materials.

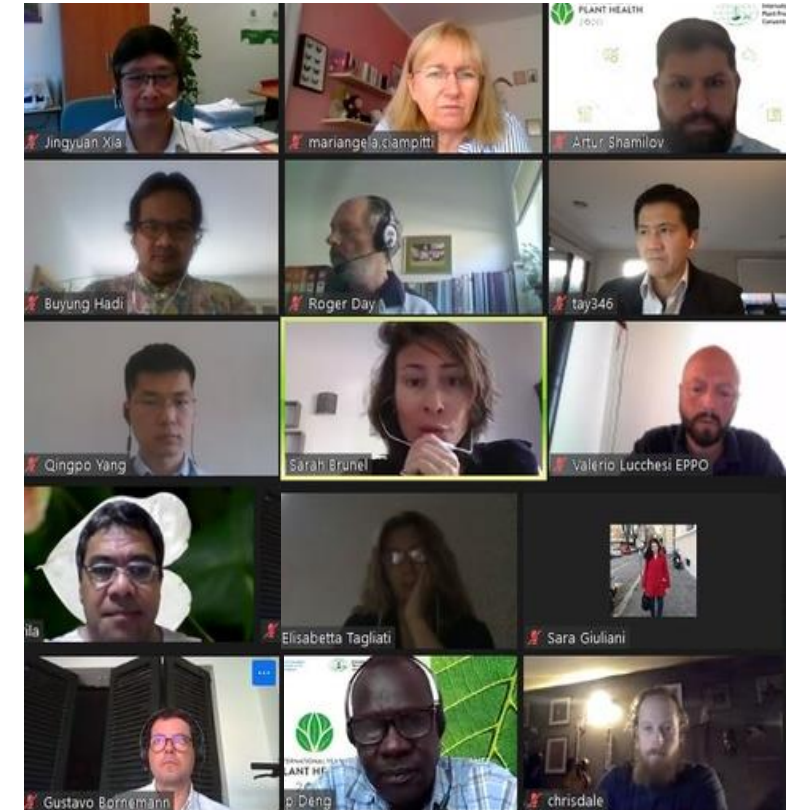


Photo: first virtual meeting 03 Aug 2020



#### 4. Webinar points: To whom is this series of webinars addressed?

Countries and regions **where the pest is not yet introduced or has a limited distribution.**

This webinars series are primarily directed to National Plant Protection Organizations heads and officers working specifically on pest risk analysis, surveillance, operations, eradication, and containment. Stakeholders involved in fall armyworm prevention, researchers supporting NPPOs, producers' associations and FAO staff are also welcome

#### Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*

21

Countries for  
prevention



East and  
North Africa region –  
NEPPO (9)

Algeria, Jordan,  
Iraq, Lebanon,  
Libya, Morocco,  
Oman, Saudi  
Arabia, Syria

Pacific region – PPPO  
(7)

Australia, Guam,  
Federated States of  
Micronesia, Fiji Islands,  
New Zealand, Papua  
New Guinea, Vanuatu

European region –  
EPPO (5)

France, Greece, Italy,  
Portugal, Spain



#### 4. Webinar points: What are this Webinar's training objectives?

Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*



## Know

where to locate the FAW Guidelines on the IPP

## Know

the broad content of the Guidelines

## Know

where to locate information on PRA, inspection and diagnostic related to FAW

## Understand

the threat that FAW represents





## 5. The guidelines

### Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*



have been developed by **experts of the FAO-IPPC Fall Armyworm Technical Working Group** on “Quarantine and Phytosanitary Measures”.

were open to consultation through the IPPC Online Commenting System”.

are available in English Arabic, and French.

# The Guidelines:



## 5. The guidelines: structure

### Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*



#### 1. Distribution and biology of the pest

- Distribution of the pest
- Biology of the pest



#### 2. Prevention and preparedness plan: when the pest is still absent

- Pest risk analysis
- Phytosanitary regulation
- Inspection and diagnostics
- Surveillance
- Communication and information sharing with stakeholders



#### 3. Response plan: when the pest is officially detected and confirmed

- Delimiting surveys
- Phytosanitary measures to be implemented once an outbreak is officially detected
- Suppression of the pest to reduce pest populations
- Communication and information sharing with stakeholders

## 6. Polls and Q&A sessions

### Prevention, Preparedness and Response Guidelines for *Spodoptera frugiperda*



### Interactive session

Participants will be challenged to answer to polls.



### Specific Questions &Answers session

The FAO/IPPC TGW will answer questions and address relevant discussions, and the IPPC Secretariat will post a document with all the answers after the webinar.





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# Thank you

**IPPC Secretariat**

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