



ORGANISMO INTERNACIONAL REGIONAL
DE SANIDAD AGROPECUARIA



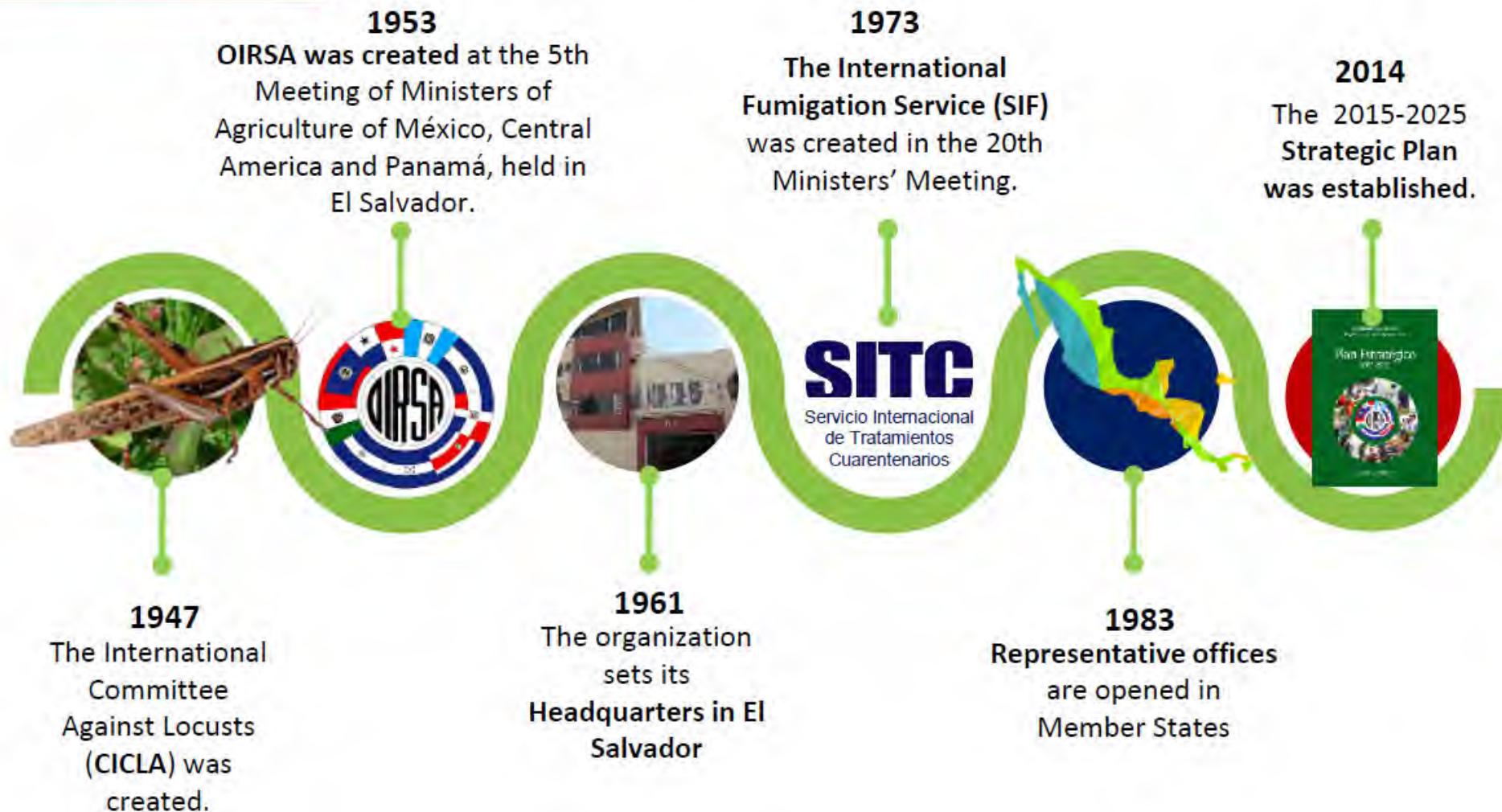
Priority process of regulated pests in OIRSA region

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ORGANISMO INTERNACIONAL REGIONAL
DE SANIDAD AGROPECUARIA

History





ORGANISMO INTERNACIONAL REGIONAL
DE SANIDAD AGROPECUARIA

Mission

SAGARPA
SECRETARÍA DE AGRICULTURA,
GANADERÍA, PESQUERÍA Y
DESARROLLO RURAL



REPUBLICA DE EL SALVADOR
MINISTERIO DE AGRICULTURA
Y GANADERÍA
UNAMONDO PARA CRECER



To support the Ministries and Secretariats of Agriculture and Livestock of the Member States, in their efforts for the development of their plans for animal and plant health, quarantine services and food safety, and thus contribute to the social and economic development of the population through a healthy agricultural production, in harmony with the environment, and facilitating international trade.



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OIRSA Functions

1. To determine which pests or diseases pose real or potential danger for the region.
2. To promote the adoption of common regional policies in agricultural health, and actions of prevention, control and/or eradication of agricultural pests and diseases of regional importance and interest.
3. To arrange agreements with international agencies and organizations regarding technical cooperation and financing for the development of projects of regional interest.
4. To coordinate actions with other countries and related organizations within and outside the region.

Pest risk

Virus

Tomato brown rugose fruit virus (ToBRFV)
Banana bunchy top (BBTV)

Bacteria

Xylella fastidiosa
Xanthomonas musacearum

Insects

Trogoderma granarium
Ceratitis capitata
Helicoverpa armigera

Fungi

Fusarium oxysporum f. sp. *cubense*
Tropical race 4 (Foc TR4)
Guignardia musae
Colletotrichum kahawae

Phytoplasma

Candidatus *Phytoplasma palmae* 16SrIV
Candidatus *Phytoplasma solani*

Weeds

Rottboellia cochinchinensis
Cuscuta indecora
Polygonum convolvulus

Nematodes

Globodera rostochiensis
Aphelenchoides besseyi
Meloidogyne chitwoodi

Mites

Acarus siro
Brevipalpus chilensis
Aceria sheldoni

2517 Regulated quarantine pests

OIRSA Regional List of Regulated Pests

Last update:

Mexico. List of regulated pests of Mexico (IPPC, 2019).

Guatemala. Regulated pests of quarantine interest absent in the country and regulated pests present under official control (IPPC, 2016).

Honduras. List of quarantine pests and regulated pests for Honduras (SENASA, 2014).

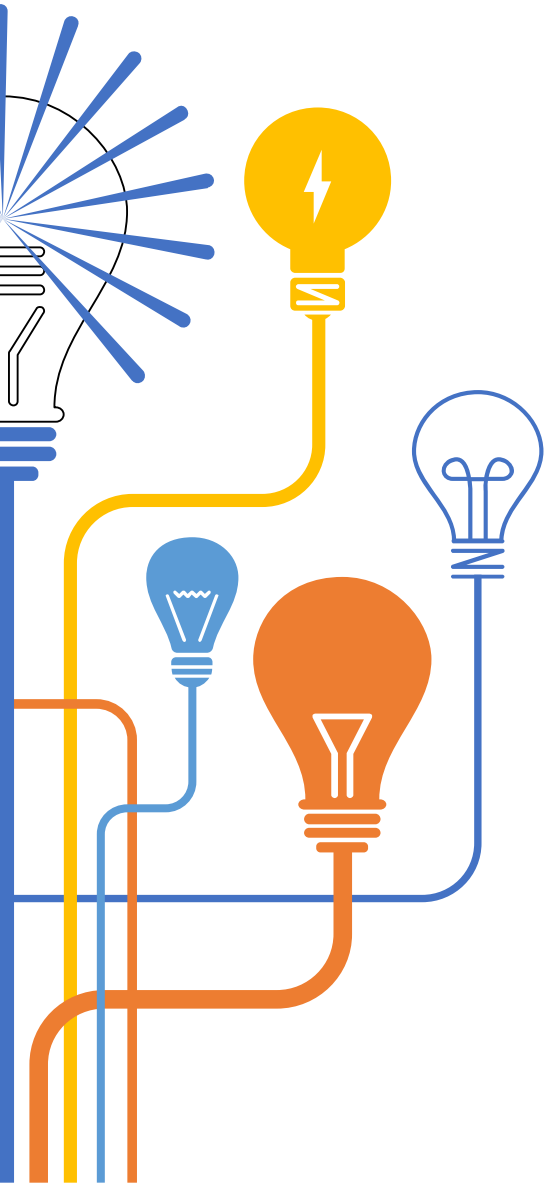
Nicaragua. List of regulated pests of Nicaragua (IPPC, 2020).

Costa Rica. List of regulated pests of Costa Rica (IPPC, 2019).

Panama. Specific lists of regulated pests of Panama (IPPC, 2018).

Dominican Republic. List of regulated pests of the Dominican Republic (IPPC, 2020).

**The lists of Belize and El Salvador are in process
with the support of OIRSA**



OIRSA Regional List of Regulated Pests

OIRSA 2021_Lista de Plagas Reglamentadas Regional ver 1.3 - Excel

Archivo Inicio Insertar Diseño de página Fórmulas Datos Revisar Vista Ayuda ¿Qué desea hacer?

Portapapeles Fuente Alineación Número Estilos Celdas Edición

Abaca mosaïc virus

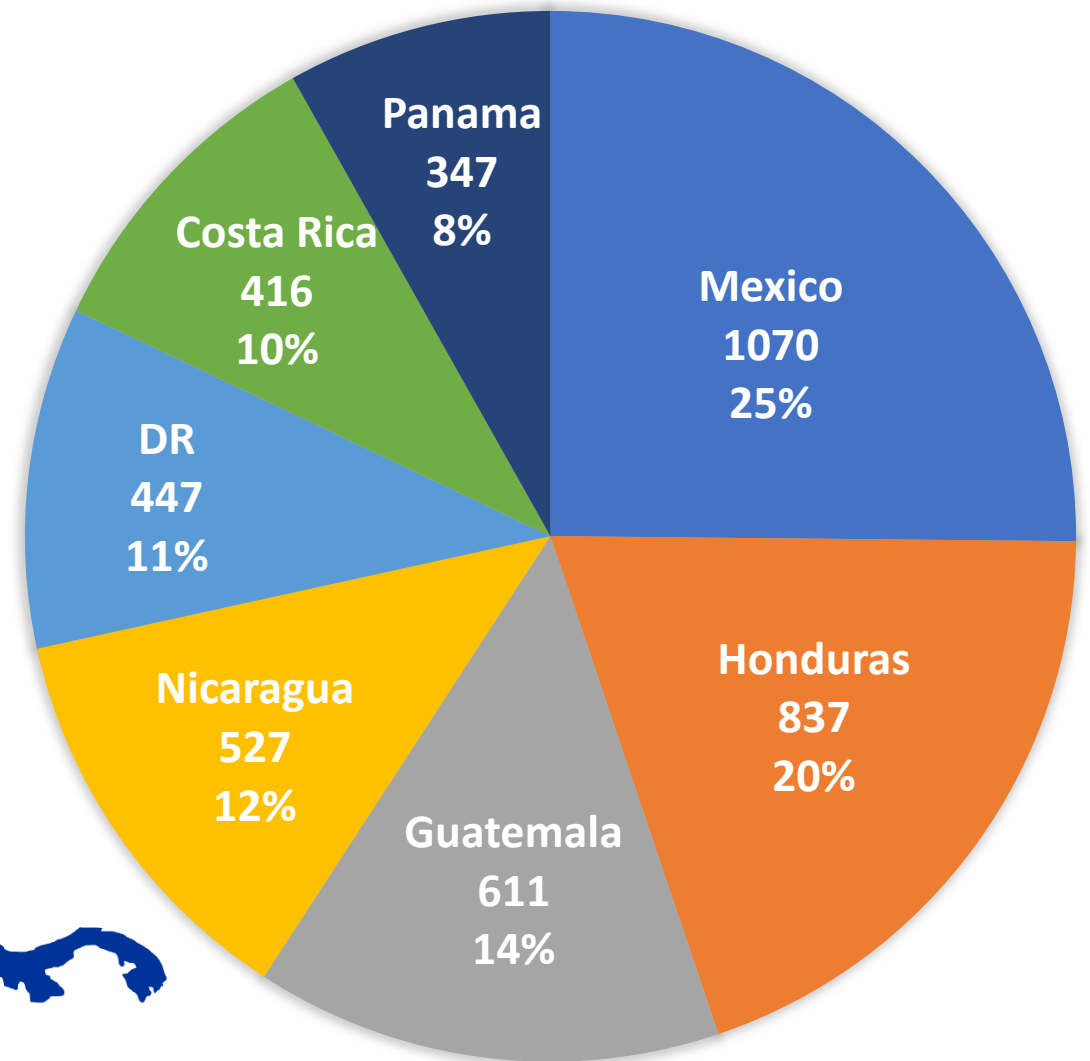
Nombre científico y descriptor	Grupo taxon	Clasificación taxonómica	México	Guatemala	Honduras	Nicaragua	Costa Rica	Panamá	RD	
Abaca mosaïc virus	Virus	(Virus: Potyviridae: Potyvirus)			▲					1
Abutilon mauritianum (Jacq.) Medik.	Maleza	(Plantae: Malvales: Malvaceae)			▲					1
Abutilon theophrasti Medic.	Maleza	(Plantae: Malvales: Malvaceae)			▲					1
Acacia harpophylla Benth.	Maleza	(Plantae: Fabales: Fabaceae)			▲					1
Acacia karroo Hayne	Maleza	(Plantae: Fabales: Fabaceae)			▲					1
Acacia nilotica (L.) Willd. ex Delile (Acacia arabica)	Maleza	(Plantae: Fabales: Fabaceae)			▲					1
Acalypha australis L.	Maleza	(Plantae: Malpighiales: Euphorbiaceae)			▲					1
Acalypha amentacea Roxb.	Maleza	(Plantae: Malpighiales: Euphorbiaceae)				▲				1
Acalypha indica L.	Maleza	(Plantae: Malpighiales: Euphorbiaceae)			▲					1
Acalymmma vittatum (Fabricius)	Insecto	(Insecta: Coleoptera: Chrysomelidae)		▲						1
Acalitus gossypii Banks	Ácaro	(Arachnida: Acarida: Eriophyidae)	▲							1
Acanthocoris scabrator (Fabricius, 1803)	Insecto	(Insecta: Hemiptera: Coreidae)					▲			1
Acanthospermum australe (Loefl.) Kuntze	Maleza	(Plantae: Asterales: Asteraceae)	▲							1
Acanthospermum hispidum DeCandolle	Maleza	(Plantae: Asterales: Asteraceae)	▲							1
Acarus siro Linnaeus	Ácaro	(Arachnida: Acarida: Acaridae)	▲			▲				2
Aceria ficus (Cotte, 1920)	Ácaro	(Arachnida: Acarida: Eriophyidae)				▲			▲	2
Aceria guerreronis Keifer	Ácaro	(Arachnida: Acarida: Eriophyidae)			▲	▲				2
Aceria mangiferae (Sayed)	Ácaro	(Arachnida: Acarida: Eriophyidae)					▲			1
Aceria sheldoni (Ewing, 1937)	Ácaro	(Arachnida: Acarida: Eriophyidae)		▲			▲	▲		3
Aceria tosicella (Keifer, 1969)	Ácaro	(Arachnida: Acarida: Eriophyidae)		▲			▲			2
Aceria tulipae (Keifer, 1938)	Ácaro	(Arachnida: Acarida: Eriophyidae)		▲		▲	▲	▲		5
Achatina achatina	Molusco	(Mollusca: Sigmurethra: Achatinidae)			▲					1
Achatina fulica Bowdich	Molusco	(Mollusca: Sigmurethra: Achatinidae)			▲					1
Acherontia lachesis (Fabricius, 1798)	Insecto	(Insecta: Lepidoptera: Sphingidae)		▲			▲			2
Acherontia styx (Westwood, 1847)	Insecto	(Insecta: Lepidoptera: Sphingidae)		▲			▲			2
Acidovorax avenae subsp. avenae (Manns 1909) Willems et al. 1992	Bacteria	(Bacteria: Burkholderiales: Comamonadaceae)				▲				1
Acidovorax avenae subsp. cattleyae (Pavolino, 1911)	Bacteria	(Bacteria: Burkholderiales: Comamonadaceae)			▲			▲		2
Acidovorax avenae subsp. citrulli (Schaad et al., 1978) Willems et al., 1992	Bacteria	(Bacteria: Burkholderiales: Comamonadaceae)	▲		▲					2
Acidovorax citrulli (Schaad et al., 1978) Willems et al.	Bacteria	(Bacteria: Burkholderiales: Comamonadaceae)				▲	▲			2
Aclerda takahashii Kuwana, 1932	Insecto	(Insecta: Hemiptera: Aclerdidae)					▲			1

LPC OIRSA México Guatemala Honduras Nicaragua Costa Rica Panamá RD Est ...

944	Insects
574	Fungi
411	Weeds
244	Virus
138	Bacteria
89	Nematodes
59	Acari
34	Phytoplasma
13	Viroid
11	Mollusca

2517 Quarantine pest

No. Quarantine pests regulated by Country



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Pest prioritisation

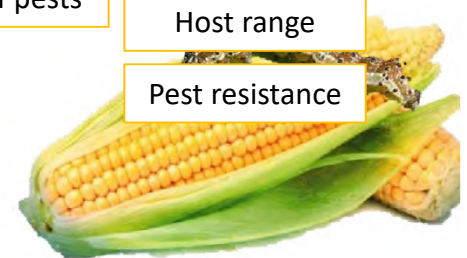
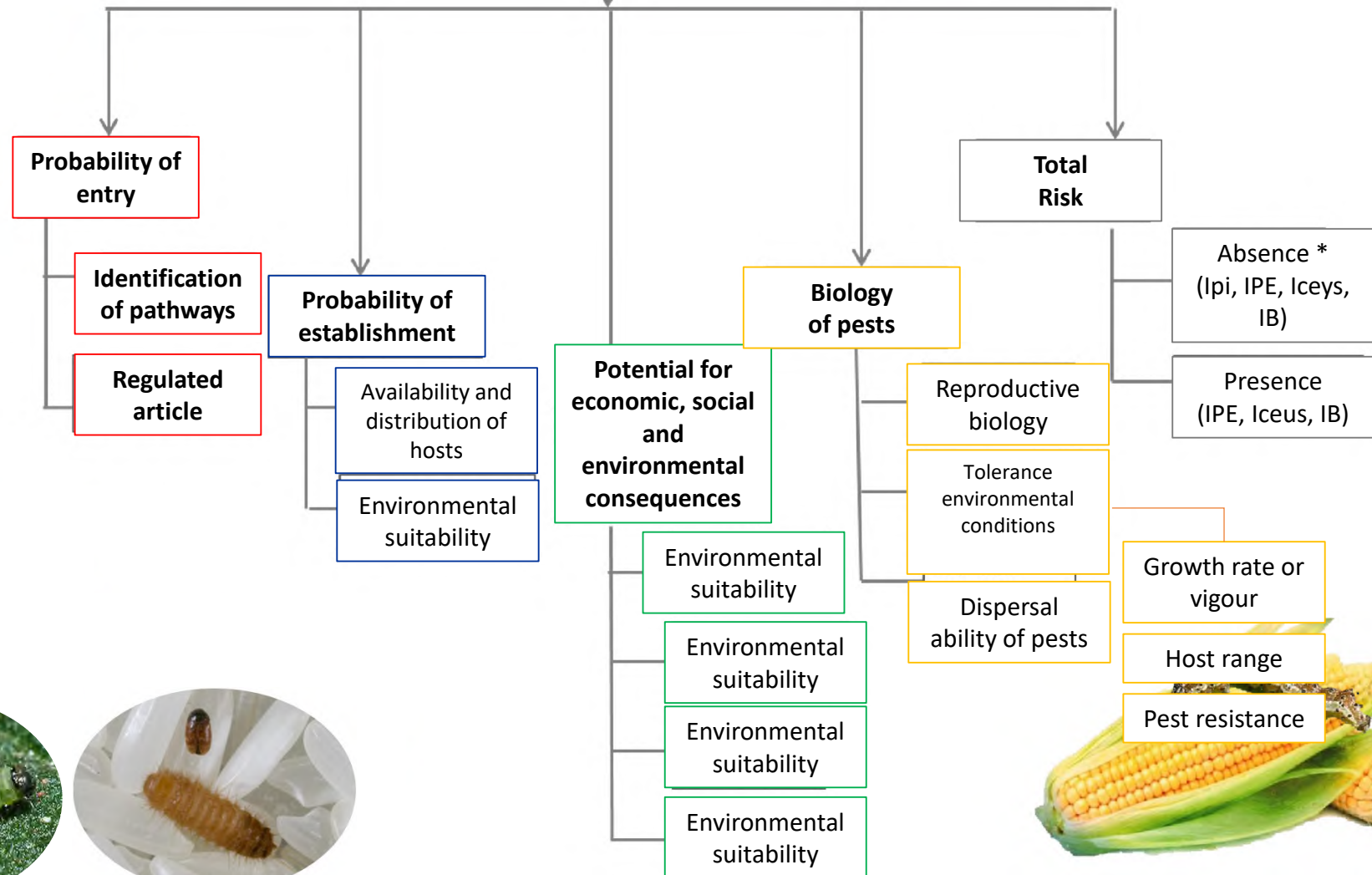
What are priority pests?

Priority pests are organisms characterized as pests, within the scope of the International Plant Protection Convention (IPPC), whose presence in any of the countries of the OIRSA region can cause losses and impacts on the economy, the environment or biodiversity, with social and even political repercussions .

The pests that are of interest to the common of all the Member States, are those of interest in their regional character, whether they are of quarantine interest (absent or present with restricted distribution and under official control), regulated for accessibility to export or present markets, and that due to their biological or epidemiological characteristics may change their habits when introduced to new environments and cause damage to agriculture or forestry.



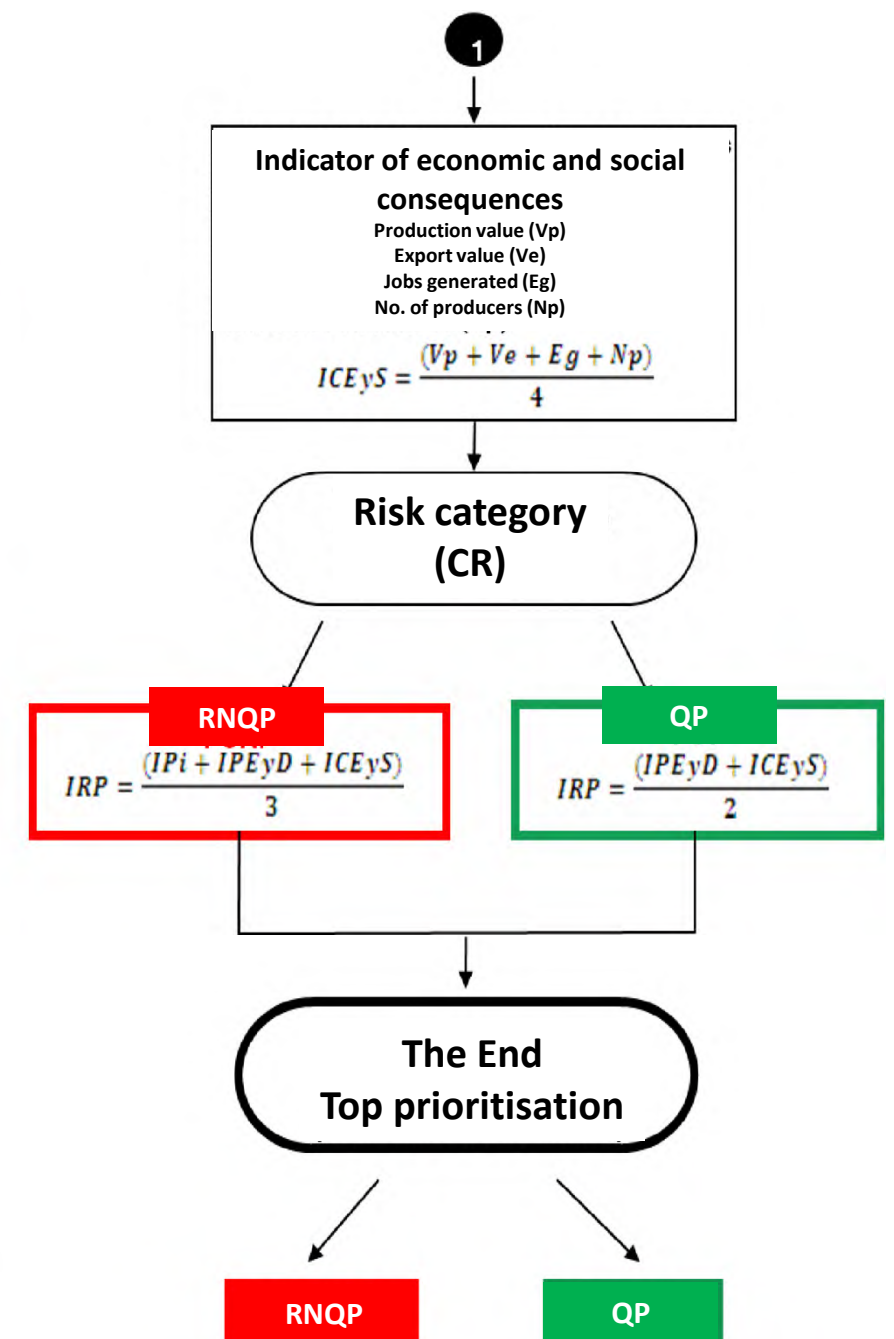
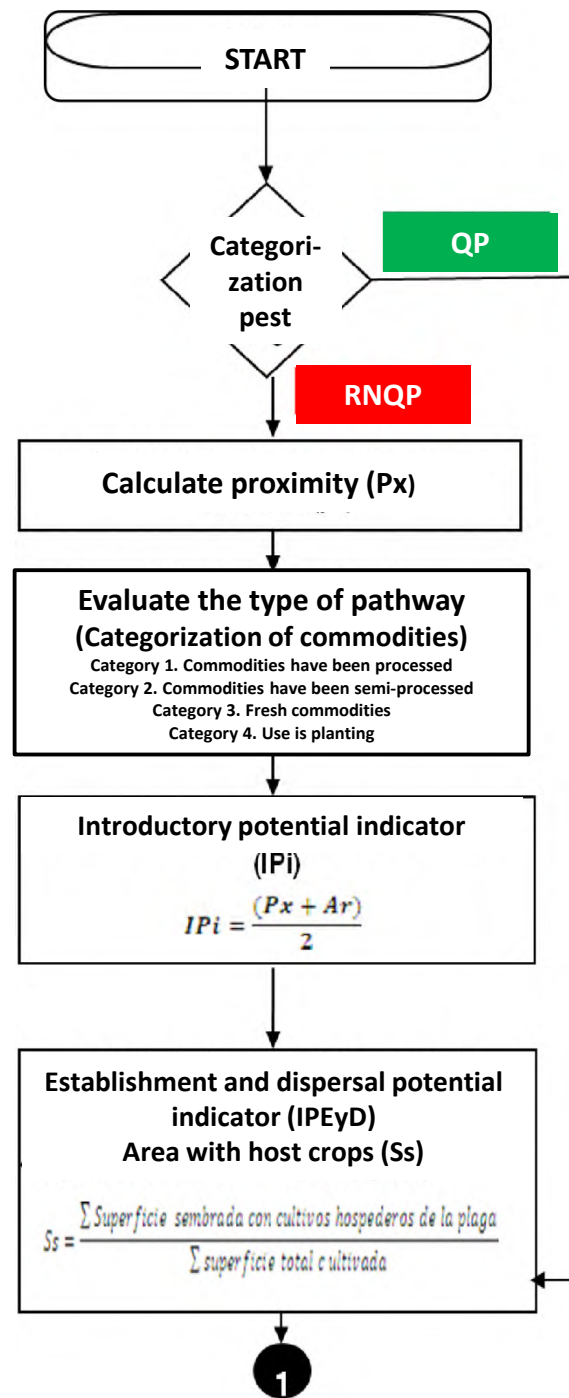
Prioritisation criteria



Pest prioritisation criteria

Model

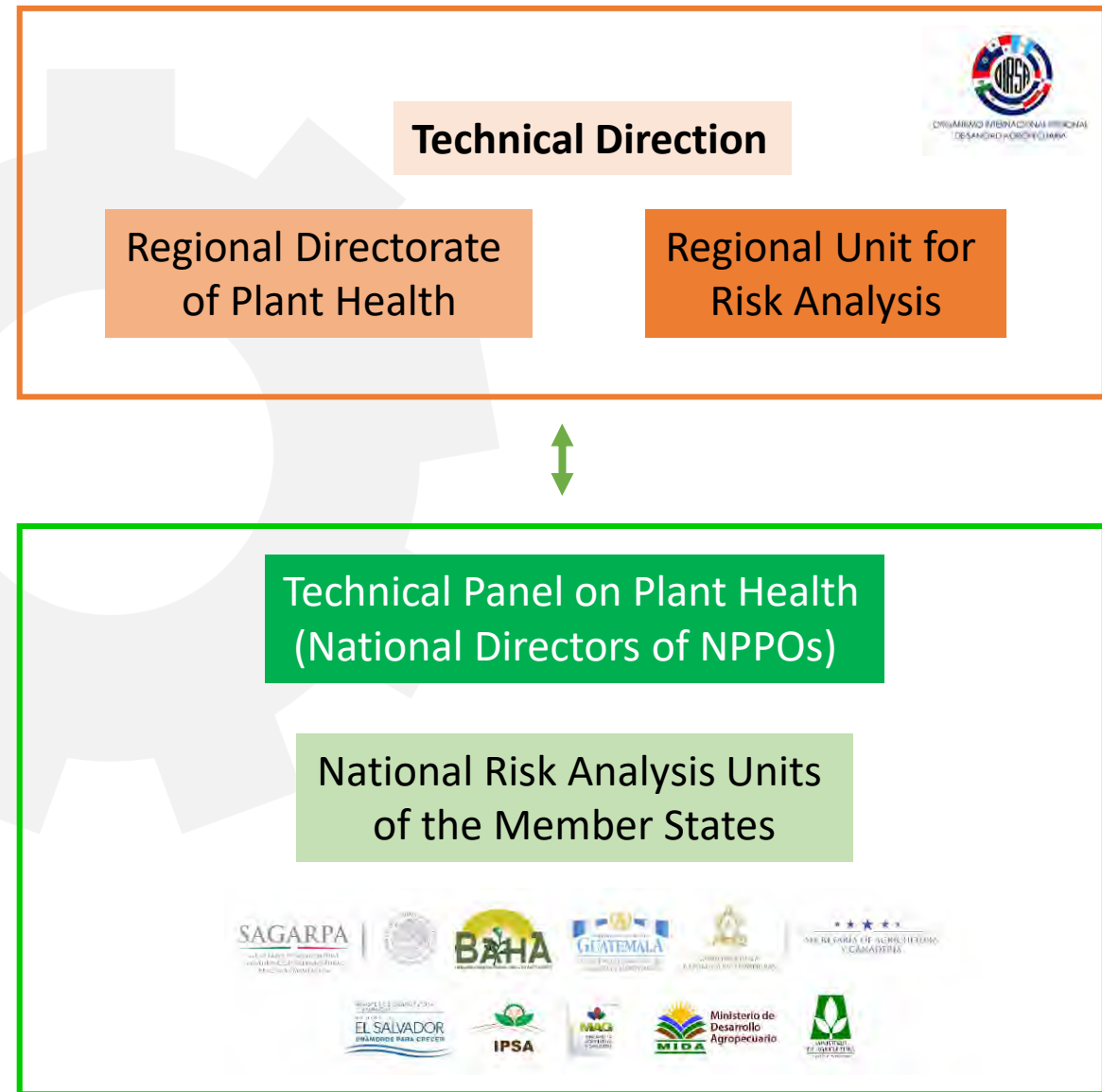
- The main objective of a list of prioritised pests is to put OIRSA member countries on alert for attention and channelling resources.
- It is used by OIRSA to select potential pests for a Pest Risk Analysis (PRA).
- The proposed pests are prioritised based on the crops that have been identified as priorities for the region*
- The pests are then classified according to their "score" on the different criteria.



Pest prioritisation...Work team



Regional Commission for Risk
Analysis in Agricultural Health and
Food Safety, plant health division



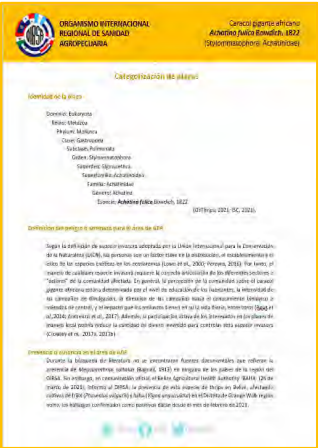
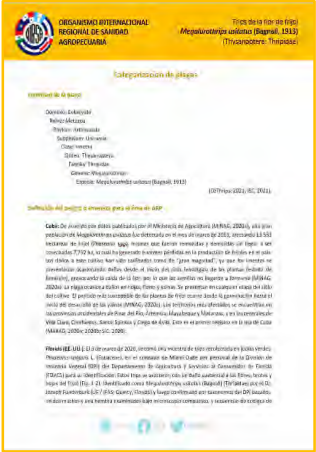
Pest Risk Analysis



Pest Risk Assessment

WEB

Pest categorisation



Data sheet



Priority regulated pests in OIRSA region

I. Exotic fruit flies

1.	<i>Anastrepha grandis</i>	South American cucurbit fruit fly	Present with restricted distribution
2.	<i>Anastrepha suspensa</i>	Caribbean fruit fly	Absent
3.	<i>Bactrocera cucurbitae</i>	Melon fly	Absent
4.	<i>Bactrocera dorsalis</i>	Oriental fruit fly	Absent
5.	<i>Ceratitis capitata</i>	Mediterranean fruit fly	Present with restricted distribution



Priority regulated pests in OIRSA region

II. Banana

6.	<i>Fusarium oxysporum</i> f. sp. <i>cubense</i> Tropical Race 4	Foc TR4	Absent
7.	<i>Phyllosticta musarum</i> = <i>Guignardia musae</i>	Freckle disease of banana	Absent
8.	<i>Xanthomonas campestris</i> pv. <i>musacearum</i>	Banana xanthomonas wilt (BXW)	Absent
9.	<i>Banana bunchy top virus</i>	Bunchy top of banana (BBTV)	Absent

III. Coffee

10.	<i>Colletotrichum kahawae</i>	Coffee berry disease (CBD)	Absent
11.	<i>Hemileia vastatrix</i>	Coffee leaf rust	Reemerging
12.	<i>Xylella fastidiosa</i>	Coffee leaf scorch	Present with restricted distribution

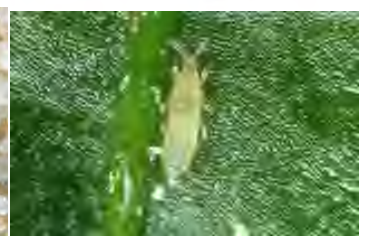


Priority regulated pests in OIRSA region

VI. Coconut		
18. <i>Rhynchophorus ferrugineus</i>	Red palm weevil	Absent
VII. Cereals		
19. <i>Helicoverpa armígera</i>	Cotton bollworm	Absent
20. <i>Spodoptera litura</i>	Taro caterpillar	Absent
21. <i>Trogoderma granarium</i>	Khapra beetle	Absent
VIII. Legumes		
22. <i>Megalurothrips usitatus</i>	Bean flower thrips	Present with restricted distribution
IX. Solanaceae		
23. <i>Tuta absoluta</i>	Tomato Leafminer	Present with restricted distribution
24. <i>Tomato brown rugose fruit virus</i>	ToBRFV	Present with restricted distribution



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Priority regulated pests in OIRSA region

X. Other pests		
25. <i>Achatina</i> (=Lissachatina) <i>fulica</i>	Giant African land snail	Present with restricted distribution
26. <i>Limantria dispar</i>	Gypsy moth	Absent
27. <i>Schistocerca piceifrons piceifrons</i>	Central American Locust	Reemerging
XI. Cocoa		
28.	Frosty pod rot	Present with restricted distribution
XII. Forest pests		
29. <i>Dendroctonus</i> spp.	Complex debarkers	Reemerging
30. <i>Ips</i> spp.	Complex debarkers	Reemerging



Possible entry (pathway)



Importation of contaminated regulated goods from countries with the presence of pests.



Mobilisation of unregulated items contaminated with unregulated pests (autostop).



Mobilisation of contaminated soil.



Unauthorized importation by passengers and international travelers (bioterrorism)



Entry through international mail from countries with the presence of pests.





North America

South America

Africa

Oceania

Europe

Asia

International
mobilisation of
containers without
sanitizing or
disinfecting

Possible entry pathway

Pest Risk Management



Legal responsibility

Detection, management and control

Action plan (sampling, monitoring, identification, pest management, notification)

Regional Epidemiological Surveillance Program



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Thank you

Nancy Villegas, OIRSA