

# OIRSA actions to prevent the spread of African Swine Fever (ASF) in the Dominican Republic (DR)

Abelardo De Gracia

([adegracia@oirsa.org](mailto:adegracia@oirsa.org))

Dirección Regional de Salud Animal



ORGANISMO INTERNACIONAL  
REGIONAL DE SANIDAD  
AGROPECUARIA

## Prevention in the country (2018-2022)



ORGANISMO INTERNACIONAL  
REGIONAL DE SANIDAD  
AGROPECUARIA

## What have we done?

- October 2018: development and dissemination of general recommendations to prevent entry of the illness.
- March 2019: *Virtual Regional Seminar on African Swine Fever*, (Veterinary Medicine Faculty of the San Carlos de Guatemala-Colegio University)
- From March to July 2019: Procurement of ASF diagnostic kits.

**OIRSA recomienda aumentar medidas preventivas para reducir riesgo de peste porcina africana**

**Seminario Regional sobre Peste Porcina Africana**

El Organismo Internacional Regional de Sanidad Agropecuaria, con la colaboración del Ministerio de Agricultura, Ganadería y Alimentación de Guatemala, a través del Programa Nacional de Sanidad Porcina

Tienen el agrado de invitarlos a:

**Seminario Regional sobre Peste Porcina Africana**

Que se llevará a cabo en las instalaciones de la Sede de los Colegios Profesionales, Zona 15, Salón Dr. Mario Méndez Montenegro, a las 08:00 am.

Fecha: 15 marzo de 2019.

Horario: 08:00am a 12:00pm.

Transmisión en línea vía Facebook live (página del OIRSA) y GoToMeeting.

## What have we done?

- April 2019: Development and dissemination of
  - Alerts on the danger of importing animals and products from ASF affected countries.
  - Recommendations to prevent the introduction of the virus in the OIRSA region, with more specific recommendations.

**Alerta sobre peligros por importación de animales y productos de países afectados por Peste Porcina Africana (PPA)**

**Recomendaciones para prevenir introducción del virus de la Peste Porcina Africana (PPA) a los países de la región del OIRSA**

El Organismo Internacional Regional de Sanidad Agropecuaria (OIRSA) solicita una serie de recomendaciones para prevenir la introducción de la Peste Porcina Africana (PPA) en los países de la región del OIRSA, a través del Programa Nacional de Sanidad Porcina (PNSP).

El OIRSA, junto a sus Estados miembros: México, Centroamérica y el Caribe, el grupo de países de América del Sur y el grupo de países de África, Asia y Oceanía, se comprometen a trabajar conjuntamente para prevenir la introducción de la PPA en los países de la región del OIRSA.

Las medidas de PPA recomendadas por OIRSA en el año 2018 han generado un nivel de alerta en los países de la región del OIRSA, lo que genera un nivel de alerta en los países de la región del OIRSA, lo que genera un nivel de alerta en los países de la región del OIRSA.

El OIRSA recomienda:

- 1) Evitar la importación de cerdos vivos, cerdos acambrados, carne y subproductos de cerdos, cerdos y productos de cerdos de países afectados por la PPA.
- 2) Evitar la importación de cerdos vivos, cerdos acambrados, carne y subproductos de cerdos, cerdos y productos de cerdos de países afectados por la PPA.
- 3) Evitar la importación de cerdos vivos, cerdos acambrados, carne y subproductos de cerdos, cerdos y productos de cerdos de países afectados por la PPA.

## What have we done?

- April to August 2019: Development of information materials in English and Spanish made available to countries:
  - [Video](#) (1 in Spanish and 1 in English)
  - Flyers (3 in Spanish and 3 in English)
  - Infographic
  - Brochure



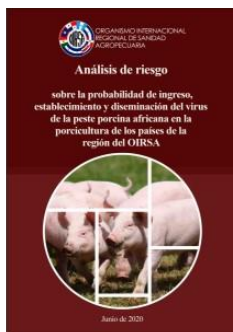
## What have we done?

- June and August 2019: Presentations on African Swine Fever to experts and producers from:
  - Nicaragua (11 June)
  - Panama (8 and 9 July)
  - Honduras (31 July – 2 August)
  - Guatemala (23 September)
  - Costa Rica (25 September)
- July 2019: Visit to the El Salvador Ministry of Agriculture and Livestock for the launch of the ASF prevention plan.



## What have we done?

- July 2019 to June 2020: Development and dissemination of ASF regional risk analysis.
- October 2019: ASF regional simulation in Guatemala.
- February 2022 to now: Revision of the ASF risk analysis.



## What have we done?

- Mobile application "OIRSA library" (Android) with the following material:
  - Regional manual of good practices for the management of health emergencies (attachments for diseases including ASF, materials and devices, disaster management).
  - Sanitising manual for animal health.
  - Videos:
    - How to put on and take off biosecurity apparel
    - Taking and sending samples
    - General information on ASF
    - Management of ASF waste
    - **Biosecurity safe disposal of ASF carcasses**
    - Necropsy in bovines, pigs and sheep
  - Discussions:
    - **Biosafe disposal of pig carcasses affected by ASF**
    - **Cleaning and sanitisation procedures for facilities and vehicles with presence of ASF**



# OIRSA actions in the face of an ASF outbreak in the Dominican Republic 2021-2022



## Epidemiological situation

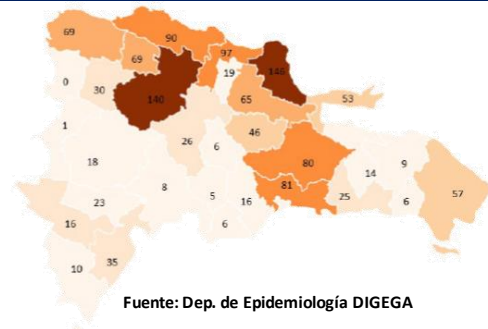
### Estimated population

- Commercial farms: 334 farms with around 62,000 breeding SOWS
- Backyards: Estimated between 40,000-60,000 breeding sows
- Total: between 1.8 to 2 million pigs (estimate from the July 2021 census).

### Current situation

#### From 1 to 7 May 2022

- # of accumulated outbreaks: 1,276 in 30 of the 31 provinces.
- # of pig outbreaks: 1,009.
- # of outbreaks in the eradication process: 267.
- 3,248 producers sampled.



Fuente: Dep. de Epidemiología DIGEGA

Figura 5. Mapas de focos acumulados de PPA por provincia a la semana epidemiológica 18.

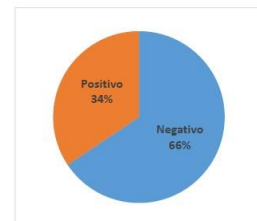


Figura 7. Gráfico del porcentaje de casos positivos y negativos.

## What are we doing?

- Emergency focus: **containing the outbreak.**
- Technical assistance at a central level and in the field from 48 hours following declaration of ASF outbreak in DR.
- Assigning emergency funds for containment and control of the outbreak in DR (US\$248,345.48/phase1), as well as one-off payments to prevent ASF entry into countries free of the disease and continued support for DR (US\$551,000.00for DR and US\$493,226.92for unaffected countries/phase 2).
- Formation of the Committee for the Eradication of ASF.
- Implementation of ASF diagnostic techniques in LAVECEN (RT-PCR, ELISA Ac).



## What are we doing?

- Development and implementation of the epidemiological monitoring platform from the Ministry of Agriculture (epidemiology, laboratory, preservation brigade, dumping grounds, etc.)
- Revision, development and dissemination of information materials (posters, flyers, videos).
- Arrangements for joint coordination with other liaison agencies (OIE, FAO, IICA, USDA/APHIS).
- Virtual and in person training sessions exclusively for veterinary services in DR.
- Regional information sessions on the sanitary situation in DR and updating the different components of sanitary crisis response.



# What are we doing?

**COOPERATIVE AGREEMENT BETWEEN THE UNITED STATES DEPARTMENT OF AGRICULTURE (USDA) ANIMAL AND PLANT HEALTH INSPECTION SERVICE (APHIS) AND THE ORGANISMO INTERNACIONAL REGIONAL DE SANIDAD AGROPECUARIA (OIRSA)**

**1. Purpose**  
This cooperative agreement provides the framework for financial assistance and cooperation between APHIS and OIRSA. It describes the Participants to facilitate establishing specific programs related to animal and plant health issues in the specific countries of OIRSA.

**2. Authorities**  
Under the Farm Security and Rural Investment Act of 2002, PL 107-171, Subtitle E, Animal Health Protection, Section 10411-10418, the Secretary of Agriculture, in order to protect the agriculture, environment, economy, and health and welfare of the people of the United States by preventing, detecting, controlling, and eradicating diseases and pests of animals, is authorized to cooperate with foreign countries, States, and other jurisdictions, or other persons, to prevent and eliminate diseases on animals, commerce and foreign commerce, and to regulate effectively interstate commerce and foreign commerce.

Under the Animal Health Protection Act (ADHPA), as amended, (7 USC §§ 8303 et seq.), the Secretary of Agriculture is authorized to issue regulations and orders and to carry out operations and measures to prevent, detect, control, and eradicate diseases and pests of animals and to cooperate with other Federal agencies, States or political subdivisions of States, national governments of foreign countries, local governments of foreign countries, domestic or international organizations, domestic or international associations, Indian tribes and other persons to retard the spread of animal diseases.

The Secretary is authorized under the Plant Protection Act, as amended, (7 USC 7701-7706, (Public Law 856-58)), to cooperate with other Federal agencies or entities, States or political subdivisions of States, national governments, local governments of other nations, domestic or international organizations, and other persons to carry out operations or measures to detect, control, eradicate, suppress, prevent, or retard the spread of plant pests and foreign weeds.

The Organismo Internacional Regional de Sanidad Agropecuaria (OIRSA), is an international organization specialized in agricultural health which was founded 67 years ago to facilitate technical and financial cooperation among the Ministries and Secretaries of Agriculture and Livestock of its 5 member states, in the protection and development of their agricultural resources with the objective of guaranteeing healthy and secure food production for the benefit of mankind.

- USDA-APHIS Project for the control and eradication of ASF in DR (3 action plans).
- Proposal to strengthen the national tracability program and adapt internal movement controls.



# Necessary Measures

Quarantine Services	Production Sector	Veterinary Services
<ul style="list-style-type: none"> <li>• Strengthen the primary line of defence in ports, airports and land borders through intrusive and non-intrusive inspections.                             <ul style="list-style-type: none"> <li>• Canine pairing</li> <li>• Scanners (image interpretation)</li> <li>• International waste treatments.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Strengthen biosecurity on farms</li> <li>• Establish a swine traceability system and update national census.</li> <li>• Implement a control for internal movement of pork products and sub products at the national level.</li> <li>• Strengthen the public-private alliance</li> <li>• Establishment of a suitable education and communication campaign for the general public and media</li> <li>• Revision and adaptation of local regulations.</li> </ul>	<ul style="list-style-type: none"> <li>• Update of national emergency plans and early warning.</li> <li>• Formulation and training of response teams.</li> <li>• Strengthening of ASF diagnostic laboratories.</li> <li>• Establishing protocols for:                             <ul style="list-style-type: none"> <li>• VE</li> <li>• Humane slaughter</li> <li>• Taking and sending samples</li> <li>• Disposal of carcasses</li> <li>• Cleaning and sanitisation.</li> </ul> </li> </ul>



"Be the change you wish to see in the world"  
Mahatma Gandhi

